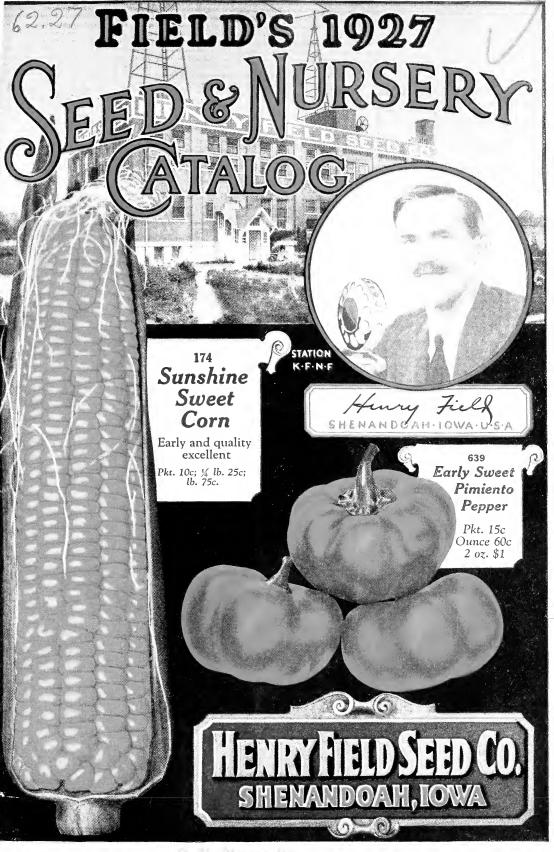
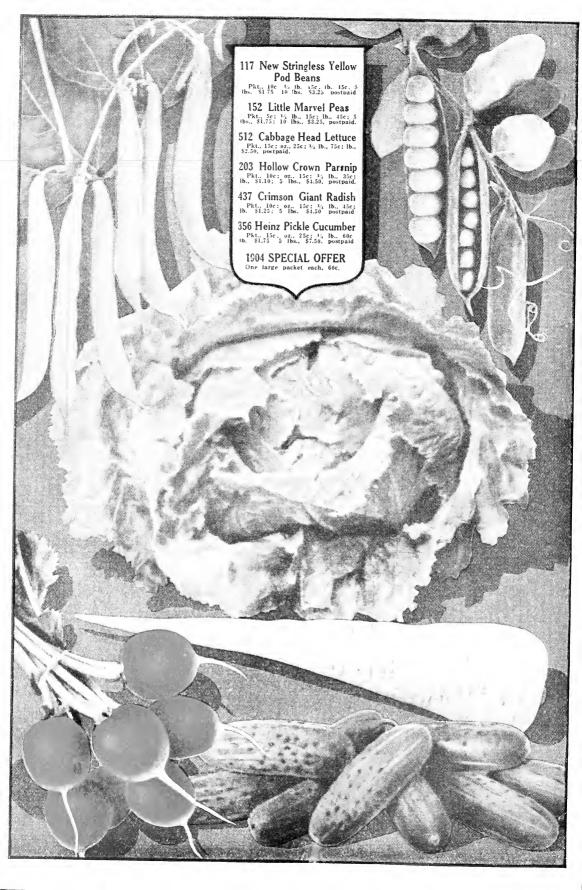
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





D. N. Siroemaker





"Henry Field Speaking"—Just a Few Words from the Boss

Another year has come and gone and we are all a year older, but it has been a pretty good old year after all. I believe we all got about as much prosperity as we deserved, for that's about the way it generally works out. The seed business was extra good Over 53 per cent nerease; and everybody happy. Best year we have ever had. And a still better year coming now. We are all eating three meals a day and able to work as usual. Seed crops are good and we are still holding to our low prices. Most seeds are 5c a packet and bulk seeds in proportion. There may be some places you can pay more but no place that you can get better seed. Tell your neighbor about us. That's the way our business grows. I have been working along with you in this seed business for a long time now, 30 or 40 years, maybe more, and I hope we may be together that long yet. One noticeable thing about our big increase in business last year was that it came with practically no newspaper advertising. It came simply through the recommendations given to others by our friends and customers. There is certainly some satisfaction in having a business like that.

Whether your order is big or little, we want it and will appreciate it, and will appreciate the good will that goes with it. And come and see us sometime. But if you can't come, write us a letter.

And be sure and listen in for us on our radio station KFNF, 461 meters.

Please send your order early. Don't put it off too long. There is an order sheet in the back of the book, put there on purpose for you. Send an order if you can. If you can't send an order, write us a letter anyway.

H. F. Another year has come and gone and we are all a year older, but it has been a pretty good old year after all.

THE BEGINNINGS OF A SEED BUSINESS

AN APOLOGY. This story is old to the old customers, and I wish to apologize to them for printing it again, but it is new to the new customers, and I am printing it for their benefit. You old customers can ship it or read it again just as you please. The new customer should read it, for nothing else will give you so good an idea of what this business is like.

It is always interesting to look at a big business, know the inside history of it, reason for its being and how it started. My seed business ranks as one of the half dozen largest in the United States. I have customers at probably every post office in the country. I have a lovely big fire-proof building, and about three hundred working for me, and it all traces back to 50 cents worth of homegrown flower seeds which I put up and sold about 50 years ago, when I was a boy five years old.

I think it all started from the reading of the James Vick catalog, James Vick was really the father of the mail order seed business, and I can remember yet just how that catalog looked to me. It was my dearest possession, and I can remember having my mother read it out loud to me. Up to that time my ambition had been somewhat divided, and I did not really know whether I wanted to be a policeman or a railroad engineer, but it certainly was to be one of the two. After studying the catalog, however, I wanted to be a seedsman, and I insisted that my mother write to Mr. Vick to that effect. The dear old man wrote me a personal letter in reply.

which I carried around until I wore it out. He also sent me a colored picture of gladiolas, the first I had ever seen. All the next Summer I was saving seed every chance I got, but when Fall came to my sore disappointment. I could not find anyone who would buy them. Finally Aunt Martha Long, a kindhearted old lady, out of the goodness of her heart, gave me an hearted old lady, out of the goodness of her heart, gave me an order for 50 cents worth of flower seeds, and I think I must have worked several days making up by hand the little envelopes to put the seed in and getting them filled to my satisfaction. It may interest you to know that this old lady was, until recently, living at an advanced age in California, and was still a customer of the Henry Field Seed Co. At



mother reading the James Vick catalog to me; it was my dearest

eight years old I embarked in the market garden business



getting as near to it as I could. About this time I got a prize of a silver dollar from my Sunday School teacher for perfect attendance. I invested the whole thing in pansy seed and was going to get rich raising pansy plants to sell. After they were grown I was unable to sell any, as ours was a little country town with no market for flowers. Every year I got more and more into the market worth of seeds. My first sworth of seeds. My first order.

allowed me to have practically a free hand at my kind of farming and I worked up quite a little trade on strawberry plants and seed potatoes of improved varieties. At fifteen I got my first experience in real seed busi-

At fifteen I got my first experience in real seed business. At that time Livingston's Seed Company, then and now of Columbus, Ohio, had a branch house at Des Moines, Iowa, in charge of one of the sons, Josiah, I went to Des Moines and worked for him. It was there I met the late A. W. Livingston, of tomato fame, a lovable old man, and I gained from him a bigger and better idea of the seed business than I had ever had up to that time. I worked for \$3.50 a week that Winter and paid \$3.00 of it for board, but what I learned and the inspiration I gained made it richly worth while.

I could not get into the seed I could not get into the seed business on my own account yet, however, as it kept me busy making a living, but all the time I was dreaming about how I would run a seed business, if I got the chance, and it may interest you to know that the plans formulated at that time, now about 40 years ago are the identical plans that that time, now about 40 years; ago, are the identical plans that have made the Henry Field Seed Company the great and prosperous firm it is, and are still the backbone of the great busines

By the time I was twenty-one I was doing a hig trucking and market garden business on

one I was doing a big trucking and market garden business on my own account, was married and settled down on a little truck farm of my own (bought on long time). I had a big local trade in strawberry plants, and about this time I began to broaden out into a seed business in a small way. I raised seeds myself from choice strains developed in my market garden business, and the neighbors kept coming to me for seeds. They noticed that I had pretty fair luck with gardening, and they wanted the "same seeds that I used," so I took to soliciting among my neighbors every Winter, and I would work nights and stormy days putting up the seeds and getting them ready for delivery. I was the whole thing from catalog to delivery wagon. I sold good, dependable seeds at a reasonable price, and helped my customers in every way to make a success with them. Of course the business spread. It was not long before I was supplying half of the country and getting mail orders from outside. I had to turn the front room of our little four-room house into an office, and the barn into a seed-house. Pretty soon I had to get out a catalog or price list. This was in 1899. It was a little four-page folder that I printed my-self at nights on a hand-power printing press. I worked nights for two weeks or more getting out a few thousand of them. The next year I had a twelve-page catalog with pictures in it, but, of course, the business was as yet very small.

About 1902 I built my first seed-



Worked in store at \$3.50 per week, but the in-spiration I gained made it richly worth

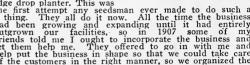
At eight years of age I embarked in the garden business, walking two miles to town with my

garden stuff to sell.

About 1902 I built my first seed-house, a story and a half structure costing about \$500, and with my name in big letters across the front of it. Maybe you think I wasn't proud of it. It seemed a terrible venture to put that much money into a business and the building was

really bigger than it seemed I would ever need, but I had Here is a photograph of it.

Well, we had to build ing every year. By 1907 we had built on every Well, we had ing every year. By 1907 we had built on every side of it and there was no more room to build; farther, In 1903 no more room to build any farther. In 1903 we had put out our first catalog. It was 32 pages, nicely printed and with a colored cover, About that time, possibly the next year. I started the crusade for selling seed corn in the ear instead of shelled. The seed trade laughed at me, then growled at me. They said I was unsettling the whole seed business, but my customers liked it and they simply swamped me with seed corn business. Practically every seedsman in the United States now offers ear seed corn. Then along about 1906 I commenced grading my shelled corn so it would run in an edge drop planter. This was the first attempt any seedsman ever made to do such a thing. They all do it now. All the time the business had been growing and expanding until it had entirely outgrown our facilities, so in 1907 some of my friends told me I ought to incorporate the business and let them help me. They offered to go in with me and lelp put the business in shape so that we could take care of the customers in the right manner, so we organized the Henry Field Seed Company, with \$75.000 capital, and put up a fine. big fire-proof

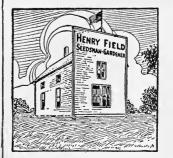


Henry Field Seed Company, with \$75.000 capital, and put up a fine, big fire-proof seed house near the track where we could load and unload the cars right at our own platform. We have since bought several other large buildings to get more room for the growing business, and now occupy in all about 100,000 square feet of floor space, and increased our capital \$500,000. We have beautiful grounds around the buildings, all planted to flowers, and trial ground, and beautiful grounds around the buildings, all planted to flowers, and trial ground, and beautiful grounds around the buildings, all planted to flowers, and trial ground, and beautiful grounds around the buildings, all planted to flowers, and trial ground, and beautiful grounds around the buildings, all planted to flowers, and trial ground, and office right under my eye. We have a splendid printing office right in the building, where they can be right under my eye. We have a splendid printing office right in the building, where we can do all our own printing.

In a busy time we have

among my neighbors every Winter and would work nights and stormy days putting up the seeds and getting them ready for delivery.

furnish about % of the differ furnish about % of the postal business of this town, and have the largest payroll in the place. We have probably the finest collection of peonies in the world, over 300 named varieties, many of them very rare. We have a collection of gladiolas, which flower lovers have come hundreds of miles to see when they are in bloom. We have built up the grade of seed corn around Shenandoah, until Page County is known for the excellence of the seed grown here, and all traces back to the five-year-old boy studying Vick's catalog and making a sale of fifty cents worth of flower seed. Every customer recommends



My first seed house in 1902.



In a busy time we have about 500 people working in the different departments. We postal

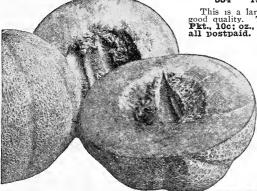


me to two or three others. Of course, I have advertised and sent out nice catalogs and all that, but back of it all is the fact that I have delivered the goods. All the good advertising in the world wouldn't do a bit of good if I did not back it up with value received. I know that as well as you do. The advertising is simply my show window to attract customers. After they once come, ter they once come, it is up to me to keep them coming.

SPECIALTIES VELTIES and

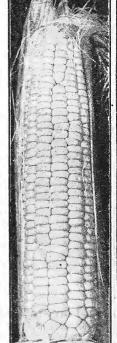
Muskmelon, Greeley Wonder 334

This is a large Melon, medium early; thick, orange colored flesh and of good quality. The flesh is fine grained, tender and has a delightful flavor. Pkt., 10c; oz., 20c; ¼ 1b., 50c; lb., \$1.60; 2 lbs., \$3.00; 5 lbs., \$6.75.



Sweet Corn, Early Sunshine

Still another improvement in early Sweet Corn. A large ear of the very best quality and yet very early. This variety is the work of Prof. Yeager of North Dakota Agricultural College and those who tried it last year say it is most delicious: very early and large. Pkt., 10c; ¼ 1b., 25c; 1b., 75c; 5 lbs., 33.00; 10 lbs., \$5.00, all postpaid.



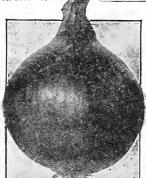
Greeley Wonder Muskmelons.

Onion, Mountain Red Globe

A splendid strain of Southport Red Globe selected for earliness, color, shape and size, until it is just about perfect. It is a dark red, a good globe shape, keeps well and has the qualities of a good commercial variety and is also satisfactory for home use. Pkt., 10c; oz., 35c; 1/4 lb., 35c; lb., \$2.75; 5 lbs., \$12.50; 10 lbs., \$22.50, all postpaid.

Good garden tools save a lot of hand labor and are indispensable in growing for market. They enable you to grow vegetables with less effort. And, whether you grow for market or not, look into the

matter of garden tools.



Mountain Red Globe Onion.

Beet, Early Wonder

Early Wonder Beets.

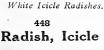
If you like Beets, plant the Early Wonder and enjoy a mess early in the season while you are hungry for them. Nothing better than a few small Early Wonders cooked whole and served with cream dressing. This variety is early, medium sized, somewhat flattened, small tops, flesh bright red, with some zoning. Pkt., 10c; oz., 20c; ¼ 1b., 50c; 1b., \$1.40; 5 1bs., \$6.00; 10 1bs., \$11.00, all postpaid.

USE BUG DUST FOR INSECTS AND PLANT DISEASES

Squash, Kitchenette or Miniature Hubbard

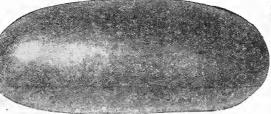
The quality is as good as the best. It is prolific and a good keeper. The shell is not as hard as the old-fashioned Hubbard, which makes it easier to prepare. And here is a new plan for cooking Squash: Out them in halves, clean the seeds out and turn them oven, in a baking pnn. No water required. Pkt., 10c; oz., 20c; 14, 1b., 50c; 1b., \$1.50; 5 lbs., \$6.25, all postpaid.

721 Watermelon, Giant Kleckley
A Melon of high quality closely resembling the Kleckley
Sweet in shape and color, but larger, with seeds of brownish color instead of white. Another distinction is that it
is a shipper carrying well to market while Kleckley Sweet
breaks easily. We have had quite a time working up stock
on this variety, but are well fixed now, we think. It is a
great Melon in size, quality and for shipping, a combination hard to beat. Pkt., 10c; oz., 20c; ½ 1b., 50c;
1b., \$1.50.



One of the most popular and best of all Radish varieties. all Radish varieties.
A pure snowy white, about five or six inches long, sweet, crisp and tender. Not quite as early as some, but very early.

Pkt., 10c; oz., 15c; 14 lb., 45c; lb., £1.25; 5 lbs., \$4.50, all postpaid.



Giant Kleckley Watermelon.



Kitchenette Squash.

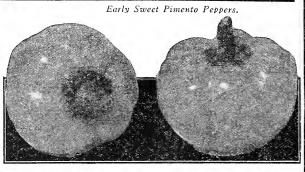
NOVELTIES and SPECIA

639 Pepper, Early Sweet Pimento

An unusually good Pimento. One of its strong features is its earliness. Most Pimentoes are too late to produce much of a crop. It sets on a heavy crop at first, and continue to bear until frost. It is medium size, rounding flat in shape, red when ripe; flesh thick, mild and sweet. We do not have a sweet Pepper in our trials that equals the Early Sweet Pimento in quality, yield or earliness. Some varieties are larger but none better. Flkt., 15c; 0z., 60c; 2 oz., \$1.00; ½ lb., \$3.25, all prepaid.

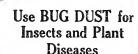
356 Heinz's Pickle

Developed as a pickle variety. You can cut anything you want from a wee small pickle to the dill size, and lots of them. It is prolific, good color and good quality. Pkt., 15c; oz., 25c; ½ lb., 60c; lb., \$1.75; 5 lbs., \$7.50, all postpaid.



446 Radish, Saxa

I think without any question this is the earliest Radish grown, and is the prettiest Radish I ever saw. A most brilliant scarlet, perfectly round, small tap root, and small top. It is crisp and mild and the flesh snowy white. No matter what other varieties you buy you should have some of these for first early. Pkt., 15c; oz., 20c.





Saxa Radish.

Lettuce, Cabbage Head

401 Tomato, Red Head

Heinz's Pickling Cucumber.

This Tomato is a deep blood-red, not yellowish nor purple, but just red. It is almost a globe, a little flattened never rough or wrinkled. Does not crack easily, and seems practically resistant to blight. Foliage and vine medium, neither light or heavy. Cuts very solid, almost like Ponderosa. Very early, at least as anything on the market and much bigger and better than any first early. Ripens clear to the stem, solid color. Keeps bearing till late. Pkt., 10c; 0z., 50c.

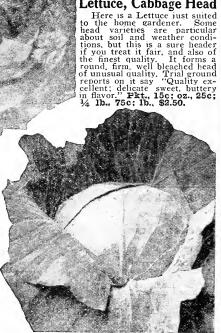


Cabbage Head Lettuce.

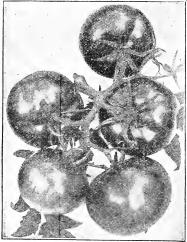
527 Cabbage, Norseman

The Norseman is a very early Cabbage, just about the first thing to head; round heads, medium size, sure to head, sweet and tender, and of the very best quality. One of the finest things about it is that it keeps well for Winter use, although classed as an early sort. You can't get your neighbors to say anything against Norseman if they have ever grown it. It is the best all purpose Cabbage I know of, Make three or four plantings for the season. Pkt., 10c; oz., 50c; ½4 1b., \$1.50.





Norseman Cabbage.



Red Head Tomatoes.

and SPECIALTIES **OVELTIES**

Sweet Pea Novelties Mary Pickford, the great screen star, has ever consented to have named after her. One a gladiolus, which we list elsewhere in our catalog, and this Sweet Pea. And it was only because she so admired this new variety that she gave her consent. The flower was formally named and dedicated to "America's Sweetheart" with elaborate ceremonies at her studio in Hollywood, where she tendered a reception to the seedsmen's association, and it was at that time this picture was taken. I, with other seedsmen, was present and it certainly was an interesting visit. Will tell you all about it some other time. The basket of Sweet Peas being presented to her in the picture is, of course, this variety. A dainty cream pink, faintly tinted with salmon. Standards and wings decidedly waved. Large flowers, three and four on a stem. It is a good thrifty grower with long stems, and will produce an abundance of bloom. It is a great flower. One of the best, if not the best, of the new varieties. Ptt., 20c; 3 for 50c.

103 MISS CALIFORNIA. Miss California Sweet Peas. Mary Pickford and Her Sweet Peas. 1247 Everlastings or Strawflower (Helichrysum monstrosum)

Blue Bird Sweet Peas.

The very best flower for a Winter bouquet, as well as onnamental for the garden. Very double and flowers large. Colors, canary-yellow, crimson, fiery red, golden yellow, rose, and violet. We have carefully blended these

colors, instead of growing a mix-ture, so that you will be more sure of getting good range of color Frice for the six colors mixed, large pkt., 15c; 2 for 25c.

1248 Delphinium Hybrids

This type of Delphinium or Perennial Larkspur grows a tall, sturdy spike, closely set with flowers. Colors range from light to dark blue and all shades of purple, violet and lavender. Pkt., 20c; 2 for 35c.

Marigold

We are offering two unusually fine varieties of this old favorite. They are both the Fistulosa type, a very double flower. Large and a free bloomer. The picture below illustrates both varieties. They begin blooming during midsummer and continue until frost. Long stems. 1252 LEMON QUEEN.

1253 ORANGE PRINCE. Price, pkt., 15c; 2 for 25c, either alike or separate.

1242 Cosmos, Early Double or Crested

Cosmos is a much admired and beautiful an-





Marigold, Orange Prince.

Hybrid Delphiniums.

and beautiful annual, and by developing a double flower, they have more than doubled its beauty. Not all blooms will show double, but 60 per cent at Long, slender stems, and brightractive colors, mixed.

2 for 35c.

bright, at-Pkt., 20c:

1941

Special Novelty

One packet of each of every item listed on this page. \$1.75



1103 MISS CALIFORNIA.

A beautiful orange or salmon-pink with large waved flowers. Long, stout stems bearing three and four blooms to the stem. This variety was given an Award of Merit by the British National Sweet Pea Society in 1924. Pkt., 15c; 2 for 25c.

1104 BLUE BIRD. A beautiful bright blue, waved and frilled, borne on long stems and usually three and four to the stem. This is a real blue, the best in its class. Pkt., 15c; 2 for 25c.

Verbena Hybrida Grandiflora

This is a splendid new strain of Verbenas, strong grower and a free bloomer. The flowers are quite often over an inch in diameter and the trusses unusually large.

1255 ROSEA. A pure pink with large, white eye, 1256 BLUE. White eye,

Price, all 15c per pkt.; 2 for 25c.

1237 Petunia, Rosy Morn

A dainty dwarf Petunia with foliage entirely hidden with bloom. Beautiful apple blossom pink, shading to white in throat. Very popular for window boxes but useful in most any situation. Pkt., 15c; 2 for 25c.

Watch-Em-Grow

A good ferti-lizer for flowers. Eight-ounce tin, 50c, postpaid.



Petunia, Rosy Morn.

Crested Cosmos.

It Really Grows Like a Weed. Just give it room and decent cultivation, and you can't help but succeed.

It's mighty good eating in the Spring of the year, too. I don't know of anything better.

No crop the first year but a crop the next year, and plenty from then on for twenty years to come. Cut every day or every other day, from early Spring till peas come. Great money maker. Can't freeze out or dry out, drown out or hail out. Sure income.

Use until new pea come, or later if you wish, One of the best Spring tonics known. You cannot afford to do without it.



Sure Crop Wax.

Asparagus Easy to Grow

Plant the seed or set the plants early. It's all bosh this talk about trenching, and all that. Just get the roots in the ground right side up and covered about 3 or 4 inches deep. That's all. Keep the weeds hoed, of course. Plant 10 inches apart in the row. Rows any convenient distance apart.

in the row. Hows any convenient distance apart.

201 WASHINGTON BUST RESISTANT. We have dropped all other varieties which we have listed for years, and will carry this one alone. This will, in a way, give you an idea of our high opinion of this new variety. It was developed at Cambridge, Mass., by the Bureau of Plant industry, working with the Massachusetts Experiment Station. It is practically immune to rust, a disease that is spreading over the country, which weakens and often kills the plants.

ASPARAGUS PIANTS. WASHINGTON RUST RE-SISTANT. The best way to get a start of Asparagus is from plants. We have plenty of them for sale. Best size is the one-year, although some people prefer the two-year. We have both. A home garden will take 100 plants for a patch 12 x 20 feet. Write for prices on larger lots to come by express or freight at your expense.

Yellow or Wax Podded **Bush Beans**

I have always had a preference for the Wax Beans, I have imagined they tasted a little better than the green podded sorts, but I guess it was imagination only, for the color of the pod has very little, if anything, to do with the quality.

114 CHALLENGE BLACK WAX is an early, good yielding variety, the pods resembling those of New Stringless Yellow Pod but larger, and the quality fine. It is an old standby that will not disappoint you.

Washington Rust Resistant Asparagus.

115 DAVIS WHITE KIDNEY WAX is a very showy variety and is largely grown for market and for the canning factories. It has a long straight pod of a beautiful waxy color, white seed, and is a splendid yielder. Quality fair.

Yielder. Quanty rain.

121 EARLY WONDER WAX. We have grown this variety in our trial garden for several years now, and have found it worthy of a place in our catalog. One valuable feature is its earliness. You can have Beans when you are really hungry for them, and ahead of your neighbors. It is also a good yielding variety; in fact, it yields as well or better than any other. The pod is flat, medium long, and a beautiful waxy yellow.

117 NEW STRINGLESS YELLOW POD is among the best real early wax-podded Beans. The pods are round, slightly curved, a beautiful waxy yellow, very tender, without a string and of the finest quality. It is as early, if not earlier, than any Bush Bean we list. This brings them in before hot, dry weather and practically insures a good crop.

113 ROUND POD KIDNEY WAX is an aristocrat among the Bush Beans. The quality is exceptionally fine. The pods are long and slender and stringless. If you are after quality you cannot beat it. It is the Bean for home use, and the home market.

120 SURE CRCP WAX of the newer varieties is one of the best. It has a long, slender pod, somewhat flattened, very tender, and without string. It will take the place of the old Perfection Wax.

118 WARDWELL'S KIDNEY WAX will come nearer making good under adverse conditions than most varieties. It is an early Bean, a heavy yielder, and has a showy pod which makes it very popular with the gardeners. It also resists rust remarkably well, which is quite a recommendation in some sections.



Seed Inoculation for Beans

It will pay you well to use inoculation on your peas, beans and sweet peas, as well as clovers and other legumes. It is of no value for other vegetables or flowers. Use a good fertilizer for them. This inoculation is easily applied. Full instruction on each package. It gives the young plant a splendid start and is a great help throughout its growth. Garden size package, 20c.



Early Wonder Wax.

Postpaid Prices

ASPARAGUS

201 Washington Rust Resistant.....\$10 \$.25 \$.75 \$2.75

Prices Postpaid on Asparagus Plants:

2001—1-year plants, Washington Rust Resistant: Doz., \$.40; 25, \$.60; 100, \$2.00; 200, \$3.75; 300, \$5.00; 500, \$7.50; 1000, \$13.50.
2002—2-year plants, Washington Rust Resistant: Doz., \$.60; 25, \$.85; 100, \$2.75; 200, \$5.00; 300, \$6.75; 500, \$10.00; 1000, \$18.00.

BUSH BEANS Postpaid Prices	Not Prepaid
Pkt. ½1b. lb. 5 lb. 10 lb 114 Challenge Black Wax\$.05 \$.15 \$.45 \$1.75 \$3.25	25 lb, 50 lb, 100 lb.
114 Challenge Black Wax\$.05 \$.15 \$.45 \$1.75 \$3.25	\$6.00 \$11.00 \$21.00
115 Davis White Kidney Wax .05 .10 .35 1.50 2.75	5.25 10.00 18.00
121 Early Wonder Wax	6.25 12.00 23.00
117 New Stringless Yellow Pod .10 .15 .45 1.75 3.25	6.00 11.50 22.00
113 Round Pod Kidney Wax05 .15 .50 1.90 3.50	6.25 12.00 23.00
120 Sure Crop Wax	6.00 11.50 22.00
118 Wardwell's Kidney Wax 05 . 15 . 45 1.75 3.25	6.00 11.50 22.00



Improved Missouri Wonder.

Bush Lima Beans

Green Podded **Bush Beans**

The general opinion is that the green-nodded Beans are richer in flavor than the others, and slightly hardier.

than the others, and slightly hardier,

108 EARLY SIX WEEKS is another

flat-podded Bean. A long, straight
pod, yields well, and carries well to
market, but the pod is inclined to be
tough unless it is gathered early.

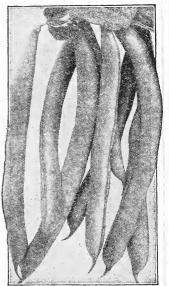
109 FIELD'S FIRST EARLY is to
my mind the best of the green pods.

It is early, has a big, broad, irregular
shaped pod, is not very pretty but its
high quality makes it very popular
for home use.

for home use.

112 ROUND POD VALENTINE has been an old standby for years. You will make no mistake in planting it, as in quality, yield and earliness it will be satisfactory. I think it the best in the Valentine class.

107 STRINGLESS GREEN POD is the most popular with us among the round pod sorts. It is exceptionally tender, and as early as any Bean grown. Even when the Beans are well formed, the pod is stringless. It is hardy, early and yields well.



Stringless Green Pod.

Field Beans

white Bean the Dakota farmers have been growing for some time for Winter use. It is larger than the Navy, rather flat, shaped something like a Caseknife Pole Bean, if you know what that is, Is prolific, and fine for baking.

lific, and fine for baking.

102 WHITE WONDER. This is the little white Navy Bean, and as a food crop it ranks right at the top. In fact, we could not get along without them. They make a fine dish any time, but more especially during cold weather. Boil with a good chunk of pork as seasoning, or bake with bacon strips and a little sugar, and brown to a rich turn. Fine during corn husking. husking.



If you haven't any choice of varieties, try Dutch Caseknife Pole Bean and Stowell's Ever-green Sweet Corn for Succo-



Kentucky Wonder.

 BEANS
 Pkt. ½lb. b. 5 lb.

 108 Early Six Weeks
 \$.05 \$.12 \$.40 \$1.65 \$

 109 Field's First Early
 .05 .15 .50 1.90

 112 Round Pod Valentine
 .05 .15 .45 1.75

 107 Stringless Green Pod
 .05 .15 .45 1.75

 126 Fordhook Bush Lima
 .05 .15 .45 1.75

 127 Henderson's Bush Lima
 .05 .15 .45 1.75

 122 Wilson's Bush Lima
 .05 .15 .45 0.20

 130 Cutshort or Cornhill
 .05 .12 .40 1.65

 131 Dutch Case Knife
 .95 .12 .40 1.65

 132 Horticultural or Cranberry
 .05 .12 .40 1.65

 133 Improved Missouri Wonder
 .05 .15 .50 1.90

 104 Great Northern
 .05 .10 .35 1.50

 102 White Wonder
 .05 .10 .35 1.50

BEANS

Pole Beans

130 CUTSHORT or CORN-HILL is more generally used than any other for a "corn-hill" Bean.

hill" Bean.

131 DUTCH CASEKNIFE
has proven its worth and is
one of the most popular whiteseeded Pole Beans. It bears
a white kidney-shaped Bean,
rather flat, and is one of the
best for Winter use. The pod
is broad and flat, about as long
and wide as a case-knife blade.
Early and good for either snap
Beans or shelling.

......\$.05 \$.12 \$.40 \$1.65 \$3.00

Field's First Early.

Beans or shelling.

132 HORTICULTURAL OF CRANBERRY is one of the old favorites, and is sometimes called "Bird Egg." The Bean is large and of a very rich flavor. It is rather late, but a heavy yielder and is better for "snaps" than shelling.

133 IMPROVED MISSOURI WONDER.
This variety originated near here in Missouri. It is enormously prolific and so hardy it will often come up volunteer where the seed has lain in the ground over Winter. It will grow and bear in spite of any kind of weather, and will outyield any kind I have ever grown. Pods are light green, large and tender, stringless if picked when young.

3.75 3.25 3.25 3.75

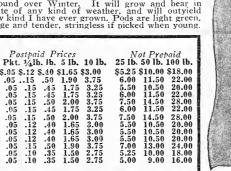
3.75

3.00

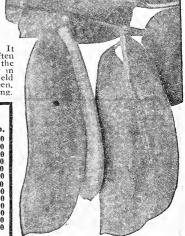
6.00 5.50 6.00 7.50 6.00

 $7.50 \\ 5.50$

5.50 5.50 7.00



Fordhook Bush Lima.



POLE BEANS-Continued.

134 KENTUCKY WONDER I like best of all, next to the Missouri Wonder. It is an old variety, but hard to beat. It has a long, wrinkly pod, flat and tender. Pods light green; bean is brown.

139 KENTUCKY WONDER WAX is a magnificent Bean. Very long, broad pods, of the highest quality. Very handscane pods.

143 McCaslan Pole. One of the best Pole Beans to use as "snaps." The seed resembles that of Dutch Caseknie but the pod is shorter and meatier. Dutch Caseknife is fine used as a shell Bean for such as succotash. The McCaslan is thrifty and bears well.

137 WHITE-SEEDED KENTUCKY WONDER we find to be the same as Burger's Stringless, but it is a good Bean under either name. It is a very early and tender variety. Pods are rather small, round and straight. Early and bears continuously.



Pole Lima Beans

140 EXTRA EARLY LIMA is one of the most reliable Pole Beans for the Middle West. It is the old-fashioned "Butter Bean." Henderson's Bush Lima is a bush form of the same thing, and is also known by some as the "Butter Bean." The dry seed of both are exactly alike. I know of nothing that will outyield this Bean. The great point with it is that you are always sure of a group. always sure of a crop.

141 RING OF THE GARDEN LIMA is among the large white Limas. For food value it has no equal, except in Limas in its own particular class. Sometimes it is a little late for this section and will not make a crop. If this is the case with you, grow Bush Limas.

Table Beets

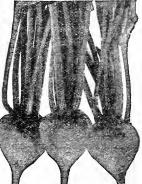
Rich soil is very important in growing Beets if you want earliness and quality. For the first crop plant the seed early, as early as you can make garden. Later plantings can be made at intervals of three or four weeks. Use the Beets while young. Do not allow them to stand until they are overgrown, for they will be woody and of poor quality. The varieties we list cover all types and answer every purpose.

601 ELOOD TURNIP is an old standard variety that has many friends. It is medium size, has bright red flesh, zoned with white. Is a good keeper and for Winter use should be planted during the latter part of June.

602 CRIMSON GLOBE is a lighter shade of red than Detroit Dark Red, otherwise much the same. It is a bright red in color and slightly zoned.

603 CROSBY'S EGYPTIAN is another early variety, very tender, smooth: a small tap root, and for early market is hard to beat. It has a rounding flat root, bright red flesh, slightly zoned.





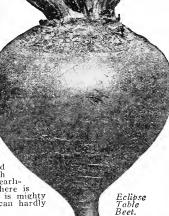
Crimson Globe Beets.



Early Wonder Beets.

Extra Early Lima Beans.

609 CROSBY'S EGYPTIAN STOCK
0116. This is a very early Beet, a
bright red, tender and of fine quality.
This strain has been carefully selected
for years, until the crop runs uniform
in size, color and earliness.
604 DETROIT DARK RED is a very
dark red both inside and outside. Any
of these varieties are all right for
canning but I believe you will like
this one on account of its shape and
color. It is medium size, round as a
ball and very tender, and is very attractive canned when about half grown.
607 EARLY WONDER. This proves to
be the very earliest among table Beets.
It is medium sized, smooth, small tops and
a good color. It is somewat flattened; flesh
a bright red with some zoning. For your earliest Beets you just can't beat it. And there is
nothing any better in quality, either. It is mighty
nice for early market. You know you can hardly
sell a Beet unless it is very early.



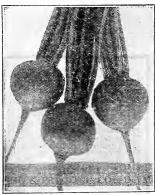
Postpaid Prices Not Prepaid Not Prepaid 25 lb. 50 lb. 100 lb. \$6.00 \$11.50 \$22.00 7.50 14.50 22.00 6.00 11.50 22.00 6.00 11.50 22.00 6.00 11.50 22.00 7.00 13.50 26.00

ĸ	ing o	of the	Garden	Lima	05	.12	.40	1.75	3.25	7.0	0 19.90	_ 4
_	TA	BLE	BEET	S		Pkt.	Oz.	1/4 lb	Lb.	5 lbs.	10 lbs.	
	601	Blood	Turnip			.\$.05	\$.10				\$7.00	
	602	Crim	son Glo	be		05	.15	.40			9.00	
	603	Crosl	oy's Egy	ptian	•	.05	15	.40	1.25	5.00	9.00	
	609	Crosl	v's Egy	ptian	0116.	10	.20	.50	1.40	6.00	11.00	
	604	Detro	it Dark	Red.		05	15	.40	1.25	5.00	9.00	
			Wonde					.50	1.40	6.00	11.00	
	610	Detre	oit Dark	Red 0	117 .	10	.20	.50	1.40	6.00	11.00	
	605	Eclin	se			05	.15	.35	.90	3.75	7.00	
			Blood						.90	3.75	7.00	

O DETROIT DARK BED STOCK 0117. Very early, medium small, globe shape with dark red skin and a bright red flesh. The tops are small; in fact, you will have Beets large enough to use before you expect it, judging from the size of the tops.

tops.

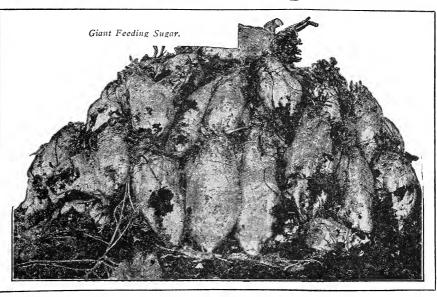
605 ECLIPSE or EXTRA
EARLY ECLIPSE among the
earliest varieties, is probably one
of the best for home use. It is
round or slightly pointed in
shape, early, quack-growing and
tender. Planted late, it is a
good variety for Winter use.
608 LONG BLOOD is another
good variety for Winter use and
for pickling. It is extremely
dark red with no zoning, It is
a late variety, requiring all season to mature in.



Detroit Dark Red Beets.

Stock Beets or Mangels

Some people call them Cow Beets, but, what-Beets, but, whatever name you call them, they are certainly a very profitable crop to grow, especially for the dairy farmer. Still I farmer. Still I don't know as they are more necessary to the dairy farmer than they are to the general stock farmer, for all kinds of stock will eat them readily. Hogs will thrive on them pretty nearly as well as son alfalfa, and sheep will iust about live on them all Winter. They yield enormously. I don't suppose you would believe all Winter. They yield enormously. I don't suppose you would believe me if I told you what they actually yield, but it is a fact that I took 12 tons of them off a quarter of an acre once. That, of course, is an extra heavy yield, but it is no trick at all to raise them. They are not hard to grow at all.



616 GIANT FEEDING SUGAR looks like a cross between the Sugar Beet and the stock Beet, but grows well out of the ground like stock Beets and yields well. It is white in color and quite rich, rather oval in shape. Stood third in yield for us, following 620 Sludstrup and 619 Mammoth Long Red.

620 SLUDSTRUP is reported by the Danish Department of Agriculture to contain a larger per cent of dry matter and greater food value than other varieties. It is very popular among the dairymen of Denmark.

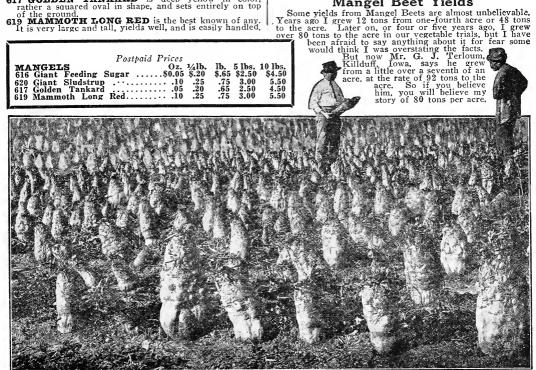
617 GOLDEN TANKARD is deep yellow in color, rather a squared oval in shape, and sets entirely on top of the ground.

619 MAMMOTH LONG RED is the best known of any.
It is very large and tall, yields well, and is easily handled.

Mangels for Chickens

Mangels are fine for cattle, herses, pigs and sheep, and are just as good for chickens. Feed them either cooked or raw, Store them in a pit or cave so that they will keep fresh, and feed them right along. Cut the Mangels in chunks and let the chickens pick them to pieces. And for dairy cows there is nothing better. Denmark is the greatest dairying country on earth and Mangels are their chief feed. She cannot grow corn so they grow root crops, mangels, carrots and turnips, and their dairy products are known the world over.

Mangel Beet Yields



A Good Crop of Mammoth Long Red.

Early Cabbage

516 ALL HEAD EARLY is the largest of the flat-headed type of early Cabbage. It is perhaps a week later than the Early Jersey Wakefield, but grows to be larger and stands longer without bursting. It has a flat or slightly rounded head like the big late Cabbage, and practically equals them in size. I have raised them to weigh 17 pounds each. Remarkably sure to head and great money makers under all conditions. This variety is also used as a late Cabbage by planting it late.

518 CHARLESTON WAKEFIELD Late Wakefield is simply a large selection from the true Early Jersey Wakefield, and is similar in every way, except being a little larger and some later.

131ger and some later.
519 COPENHAGEN. Introduced from Denmark; is quite early and good size. The head would be described more as round than flat. It is just about perfect globe-shape and in season it follows right after the Wakefield. It is of the same class as the Norseman. It is very highly spoken of and is one of the leading varieties.

leading varieties.

522 EARLY JERSEY WAKE-FIELD. It has held its place at the head of the list for a quarter of a century. It is a fair size, sometimes weighing as high as six or eight pounds, on extra rich soil; ocinted or conical in shape, very early, and almost sure to head. The leaves are slightly thicker than most other varieties and it seems to stand the frost exceedingly well. As leaves are small, can be planted as close as a foot apart in rows.





524 GOLDEN ACRE.
This is a new variety and a good one. It is very early medium size, perfectly round and hardheaded. Every plant will make a head and of uniform size if soil and cultivation are the same. The quality is fine.

The quality is fine.

523 IACOPE or YELLOWS RESISTANT COPENHAGEN. The Yellows disease of Cabbage now appears to be throughout the Corn Belt, in the soil, and can be expected to appear in a hot dry season in almost any section. This variety has been bred resistant to this disease, and has been thoroughly tested in the vicinity of Muscatine with good results.

527 NORSEMAN. We have been selling the Norseman for a good many years and the sales are good and increasing, showing it is well liked. However, there must be a lot of folks yet who have never used it and I have wondered how I could convert them. The best way I know of is to convert yourself by trying it this year. If you folks who have never tried it and those of you who use it regularly all buy some of this variety it will mean a mighty big crowd using Noiseman. The Norseman is very early, just about the first to head; round heads medium size, sure to head sweet and tender and of the very best quality; keeps well for Winter use although classed as an early sort.

540 SILVER NUGGET. A one-meal Cabbage. This appeals to the family who wants a Cabbage head just large enough for one meal No left-overs to lav around until wilted and unfit for use Quality just as good as the larger sorts. It is an early Danish variety, heads very solid, small and round. Plants can be set closer than other varieties.

Bug Dust

Use combination Bug Dust for cabbage worms. When the worms appear, apply the dust with a Bug Duster which you will find listed elsewhere. 85-15 Sulphur-Lead Arsenate is also fine for this purpose.



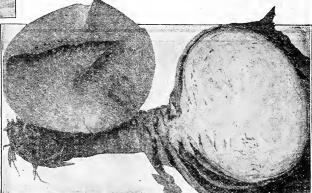
Early Jersey Wakefield Cabbage.

Late Cabbage

My late Cabbage seed is all American grown except the Holland. You may find seed that will cost you more a pound, but you cannot get any better seed, no matter what price you pay. The list elsewhere consists mostly of standard, well known sorts, and ones I have grown for market. I know them to be all right, and I have the best strains of them to be had.

the best strains of them to be had.

539 CHINESE CABBAGE. The heads are about a foot long and three or four inches in diameter. They are not as solid as Cabbage, still are firm and will weigh, trimmed, a couple of pounds or more each. It can be used any way that Cabbage or cauliflower can, or as lettuce is used. It is very tender and mild in fiavor. Plant same time you do your late turnips. Full cultural directions with each nackage.



Norseman Cabbage.

Postpaid Prices					
CABBAGE	Pkt.	Oz.	1/4 lb.	Lb.	2 lbs.
516 Allhead Early	\$0.10	\$0.35	\$1.00	\$3.25	\$6.00
518 Charleston or Large Wakefield	05	.30	.90	3.00	
519 Copenhagen Market	05	.35	1.10	3.75	7.00
522 Early Jersey Wakefield	10	.35	1.00	3.25	6.00
524 Golden Acre	15		2.90	10.50	
523 Jacope. Yellows-Resistant Copenhagen	20	1.50	4.50	16.00	
527 Norseman	10	.50	1.50	4.50	8.00
540 Silver Nugget	05	.35	1.10	3.75	
539 Chinese or Celery Cabbage	05	.35	1.10	3.75	

See Page 20 for Frost Proof Cabbage Plants

CABBAGE-Continued.



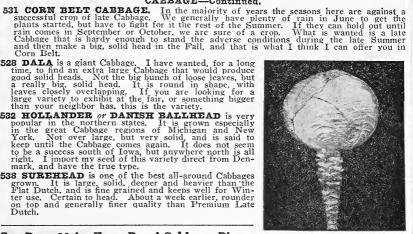
Corn Delt.

228 DALA is a giant Cabbage. I have wanted, for a long time, to find an extra large Cabbage that would produce good solid heads. Not the big bunch of loose leaves, but a really big, solid head. It is round in shape, with leaves closely overlapping. If you are looking for a large variety to exhibit at the fair, or something bigger than your neighbor has, this is the variety.

than your neighbor has, this is the variety.

532 HOLLANDER or DANISH BALLHEAD is very popular in the northern states. It is grown especially in the great Cabbage regions of Michigan and New York. Not over large, but very solid, and is said to keep until the Cabbage comes again. It does not seem to be a success south of Iowa, but anywhere north is all right. I import my seed of this variety direct from Denmark, and have the true type.

538 SUREHEAD is one of the best all-around Cabbages grown. It is large, solid, deeper and heavier than the Flat Dutch, and is fine grained and keeps well for Winter use. Certain to head. About a week earlier, rounder on top and generally finer quality than Premium Late



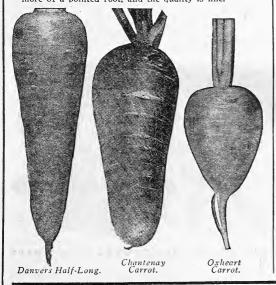
Danish Ballhead Cabbage.

Chinese Cabbage.

See Page 20 for Frost Proof Cabbage Plants **Table Carrots**

626 CHANTENAY. A beautiful Carrot and a very early one. In fact, I think it is a little earlier than the Oxheart. It is a trifle longer, very smooth, and free from side roots, and the quality is very fine.

627 DANVERS HALF-LONG. If you would prefer a larger variety, one that will yield better, you will probably be suited with this one. It is a large Carrot, has more of a pointed root, and the quality is fine.

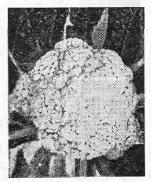


633 EARLY ORANGE. We have been waiting several years for a new Carrot that was really an improvement over the ones we already have. It has been a long time since one of real volue came out and we are mighty glad to introduce this one. Because of their food value and because we Americans are learning to like them, Carrots are beccming very popular. If you are not particularly fond of them, I believe you would be if you were to try them when prepared by a simple receipt that we will be glad to send you if you will ask for it. The Early Orange is a bright orange that holds its color well when cooked: it grows under the ground, which I think, in part at least, accounts for its unusual quality: it is large and makes heavy yields; it is smooth, tapering pretty evenly from a broad shoulder to the point. Try Early Orange.

628 LONG ORANGE is rather a long, smooth Carrot, as its name would indicate. Color a deeper orange than most other table varieties. The quality is exceptional. Will not yield as heavy as the Danvers Half-Long.

very popular variety for garden use. It is an early, short, thick Carrot of fine qual-ity. Very popular ity. Very popular for bunching when small. Deep orange color, thick side meat, and very little core.

632 YELLOW BEL-GLAN. This is a stock Carrot and is a much lighter shade of yellow than the table varieties. Will grow from 12 to 16 inches long and makes a heavy yield. It seems to be a little more popular than the white varieties. white varieties.



Early Snowball Cauliflower,

Postpaid Prices Pkt. Oz. ¼ lb. Lb. 2 lbs. \$0.10 \$0.35 \$1.10 \$3.75 \$7.00 .05 .35 1.10 3.75 7.00 CABBAGE 531 Corn Belt 528 Dala .05 532 Hollander or Danish Ballhead. . . 10 1.00 3.25 6.00 538 Surehead .10 .35 1.00 6.00

CARROTS	Pkt.	Oz.	1/4 lb.	Lb.	2 lbs.	5 lbs.	
626 Chantenay	.\$0.10	\$0.15	\$0.45	\$1.25	\$2.25	\$5.25	
627 Danvers Half Long.	10	.15	.45	1.25	2.25	5.25	
633 Early Orange	15	.35	1.00				
628 Long Orange	05	.15	.45	1.00	1.85	4.50	
629 Oxheart							
632 Vellow Relgian	05	.10	.25	.75	1.35	3.25	

CAULIFLOWER	Pkt	1/4 Oz. Oz	1/. lb
	(Copenhagen)\$0.20		
558 Farly Snowhall	15		0 9 00

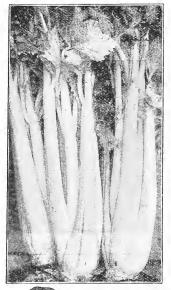
Cauliflower

Someone has said that "Cauliflower is cabbage with a college education." Anyway, it is very similar to cabbage in manner of growth, and it requires the same culture. It cannot the sale of the same culture. the same culture. It cannot stand hot, dry weather, so should be started as early as possible and handled like early cabbage. The best seed is all imported, coming from Denmark.

556 DRY WEATHER or COPENHAGEN. If you have any trouble growing Cauliflower, it might be well for you to try this variety, for it seems to be able to stand all kinds of grief, and will come nearer carrying through the hot weather than any other I have seen.

558 EARLY SNOWBALL. This is the earliest of all the standard varieties. It is small, very early, pure white, and always sure to head. Can be set very close together. This is the kind always used for growing under glass.

DarkGreen Slicer.



Golden Self-Bleaching Celery

Celery

If you really want first class Celery, grow it yourself. There is no vegetable that grows stale and tasteless as quickly when shipped and offered for sale at the stores, as does Celery. Many people do not know what good Celery is, simply because they have always depended on this kind for their supply and have never tasted good, crisp, tender Celery fresh from the garden. It is not hard to grow. We will send you a booklet telling vou just how to do it. Ordinary garden soil will grow it and furnish you just as fine quality as you could wish for We list three well known standard varieties.

A prominent authority on Celery growing states that fully 85 per cent of the Celery grown in this country is the Golden Self-Bleaching and White Plume, and that 75 per cent of the commercial crop offered is the Golden Self-Bleaching. This does not speak very well for the balance of the long list of about two hundred varieties listed by the different seedsmen of this country. And speaking the other way about it, it is a splendid recommendation for Golden Self-Bleaching and White Plume, which all things considered are hard to beat.

661 GIANT FASCAL is the best for Winter use. It is a rank grower, hardy, disease resistant, but is not ready for use until stored, then it will bleach out and produce Celery of the finest quality

662 GOLDEN SELF-BLEACHING is the most popular of the three varieties we list and as stated furnishes 75 per cent of the commercial crop. It ships well looks well, is easily grown and the quality is good. It is golden yellow in color, easily bleaching to a creamy white.

663 WHITE PLUME is next in importance and is an early variety earlier than Golden Self-Bleaching. However, I will not be too positive on this point or dispute it with you.

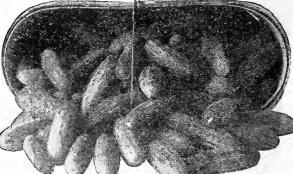
Cucumbers

If Cucumbers can make quick growth they are more likely to keep out of the way of bugs. Plant about as early as you would corn, and put in plenty of seed. After the bugs are through with them thin out so as to leave each vine plenty of room. Don't crowd them That is what makes them get knobby and crooked cometimes.

351 CHICAGO PICKLE. One of the most popular pickles in the country. As is the case with any good, well known variety there are a large number of strains which vary a little or not at all from the original. There is no sense in listing more than one of them so we have picked out what is considered the best strain. It is a variety developed by pickle factories.

special factories.

356 HEINZ'S PICKLE. This variety of Cucumber is used by Heinz's pickle factories, and is probably the best pickle variety in existence. It sets on thick and can be cut for small pickles or will make dill pickle size My brother. Sol Field, had a good opportunity to observe the good qualities of this variety, as he was superintendent of production for the Heinz people out in California for a good many years. It has been carefully selected for size, quality and production, until it is just about perfect as a pickle variety.



Heinz's Pickles.

Heins's Pickles.

360 HENDERSON'S PERFECTED WHITE SPINE is a splendid variety a cross between the Emerald and the Extra Early White Spine. This one inherits from the Emerald the fancy dark color and from the other parent earlness heavy bearing, and high quality. As a heavy and continuous bearer of the finest slicers you could wish for it is hard to beat and we strongly recommend it.

359 JAPANESE CLIMBING. This variety develops tendrils and wilt cling to a trellis or support of some kind. This may or may not be an advantage. However, it seems to be harder than most varieties and will resist disease better than others. It produces a long Cucumber suitable for slicers.

361 LONG GREEN or IMPROVED LONG GREEN. as some catalog it, is another shendid variety that is used a great deal as an all purpose variety. If you want a long, slender pickle this will answer, although it does not yield as well as the regular pickle varieties. As a slicer, it is a long dark green almost seedless variety, that is excellent for home use or will carry well to market.

363 WHITE SPINE is the most popular among the slicers. There is a bic femily of them.

well to market

3 WHITE SPINE is the most popular among the
slicers There is a big family of them and the name
has been used for everything from a scrubby, good for
nothing stock, to the very highest quality in slicing of
table varieties. For our White Spine we use the
Arlington strain. It is of medium length, tapering,
and shades to a lighter green at the end

It is a variety developed variety at first under the name of "Kirby's Stays Green," but have been warned not to use the name any more, as it has since been copyrighted. I am glad they could not copyright the Cucumber, for you can eat the Cucumber and it is mighty good eating, too, but you can't eat the name. I would have been real disappointed it they had succeeded in preventing me from selling it, for it is a variety well worth introducing. It is the most beautiful Cucumber you ever saw and just as good as it looks. It is well proportioned, dark green, of medium, size, suitable for slicers or pickles, It is a heavy yelder and "stays green" a long time.

354 EARLY CLUISTER I

suitable for sheers or pickles.
It is a heavy vielder and "stays
green" a long time.

354 EARLY CLUSTER. I
think it is probably the best in
this class to be used as a slicer,
or if planted late it is good to
cut pickles from. When ready
for the table it is from three
to five inches lone and makes
a good slicer.

355 EARLY RUSSIAN is
rather small but in common
with all these extra early varieties, it turns yellow quickly
and should be used while comnaratively small.

358 EVERBEARING. A short
early sort that makes beautiful
little pickles and bears well.
357 EVERGEEEN is the nearest we have to an all purpose
variety. It is first of all a
pickler, but will grow a very nice medium
Cucumber for table use. A dark green in
color and while small makes fine pickles.
Fine for dill pickles.

Postpaid Prices Pkt. Oz. 1/4 lb. Lb. ...\$0.95 \$0.30 \$0.90 \$3.25 ng....10 .50 1.75 6.50 CELERY 661 Giant Pascal\$0.05 662 Golden Self Bleaching...10 663 White Plume05 .90

CUCUMBERS	Pkt.	Oz.	3/4 lb.	Lb.	2 lbs.	5 lbs.
351 Chicago Pickle						
364 Dark Green Slicer						
354 Early Cluster						
355 Early Russian				1.25	2.25	5.50
358 Everbearing			.40	1.25	2.25	5.50
357 Evergreen			.45	1.35	2.50	5.75
356 Heinz's Pickle	.15	.25	.60	1.75	3.25	7.50
360 Henderson's Perfected						
360 Henderson's Perfected White Spine	.10	.20	.45	1.35	2.50	5.75
359 Japanese Climbing	.10	.20	.50	1.50		
361 Long Green	.05	.15	.40	1.25	2.25	5.50
359 Japanese Climbing 361 Long Green 363 White Spine	.05	.15	.40	1.25	2.25	5.50

Egg Plant

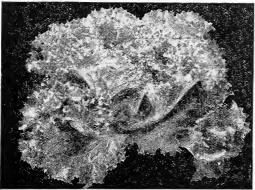
This is a vegetable that should be more largely grown. People who have eaten it are always calling for it. There is no other vegetable that quite equals it when properly prepared for the table. Plant and tend the same as peppers, and it is just as easy to get a crop except that fleabeetles, and other insects are hard on it, but you can easily get ahead of them with good insect powder or

To some it is puzzling to know when Egg Plants are ready to use. You can use them any time after they are one-third grown. Under ordinary conditions they should be a little larger than a pint cup at this time.

656 BLACK BEAUTY. This one is almost black. It is also large and early. 658 NEW YORK PURPLE is a very popular and well known variety. It is of good size, smooth, and is shaped something like a pear. The fruit is dark purple, but not as dark as the Black Beauty.

Lettuce

511 PRIZEHEAD is about the same as Simpson, except for color which is a mixture of red and green. The leaves are very thin and tender. This is one that is sometimes called "Beefsteak" or "All Cream."
509 BLACK SEEDED SIMPSON, or as it is generally called "Simpson," is the most popular of all for early use. It does not make a head, but a loose bunch of tender, light green or creamy leaves. It is of delicate flavor and grows very quickly.



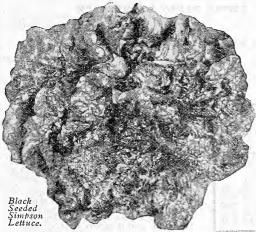
Prizehead Lettuce.

Prizehead Lettuce.

512 CABBAGE HEAD. Here is a head Lettuce just suited to the home gardener. Some head varieties are particular about soil and weather conditions, but this is a sure header if you treat it fair and also of the finest quality. It forms a round, firm, well bleached head of unusual quality. Trial ground reports on it say, "Quality excellent; delicate, sweet, buttery in flavor." It is not a shipping variety, as it lacks substance, but that makes it all the better for home use. Start it early and plant on rich soil. Do you know that as a rule you have to pay more for a head of Lettuce than for a head of cabbage? It will pay you to start the seed early in the house or hotbed and transplant just like cabbage.

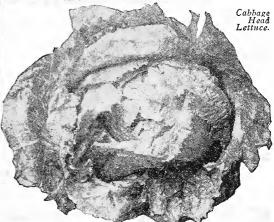
503 CALIFORNIA CREAM BUTTER is a small early variety, smooth leaf, cabbage-head type and is very much like May King but some larger and a little later. Quality good.

510 GRAND RAPIDS is something like Simpson except the leaves are crinkled and curled much more. For this reason it is fine for garnishing.





502 CHICKEN LETTUCE. This is not an ordinary variety, but a real Lettuce, a big rank, green-leaved sort, suitable for poultry. Poultry of all kinds should not only have green feed, but green feed of the right kind, and here is a crop that will furnish just what they need. Maybe your chickens would keep out of the garden if you grew a crop of Lettuce specially for them. Lettuce for Summer feed and mangel beets for Winter feed will increase egg production.



although it 504 HANSON is another good head Lettuce, although it does not make a true head like the cabbage variety. The leaves are curly and tender, and form a loose head large

does not make a true head like the cabbage variety. The leaves are curly and tender, and form a loose head large as an early cabbage.

505 ICEBERG: is one of the best head varieties tor home use. It is also grown quite extensively in a commercial way. It is a large variety, forming a compact head, very tender and sweet. To grow good head Lettuce, start the seed early in the house or hotbed, transplant later to the garden, a foot apart each way, on lich soil, and cultivate often to hold the positive.

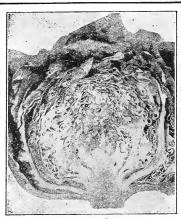
moisture.

506 MAY KING. If you prefer a smooth-leaved or cabbage-leaved variety of Lettuce that is extra early, you should use this one. If well tended on rich ground will make a true head. The outer leaves are light green, slightly tinged with brown, the inner leaves are creamy yellow. Fine, rich flavor.

Postpaid Prices

EGG PLANT Pkt. Oz. 2 oz. 1/4 lb. Lb. 656 Black Beauty \$0.10 \$0.40 \$0.75 \$1.35 \$5.00 658 New York Purple. .10 .40 .75 1.35 5.00

LETTUCE	Pkt.	Oz.	1/4 lb.	Lb.	2 lbs.
511 Prizehead	\$0.10	\$0.15	\$0.45	\$1.60	\$3.00
509 Black Seeded Simpson					
512 Cabbage Head	15	.25	.75	2.50	
503 California Cream Butter.	05	.15	.40	1.35	2.50
510 Grand Rapids	05	.15	.40	1.50	2.75
502 Chicken Lettuce					
504 Hanson	05	.15	.45	1.60	3.00
505 Iceberg			.60	1.90	3.50
506 May King			.40	1.50	2.75



Iceberg Head Lettuce.

LETTUCE-Continued.

507 NEW YORK or WONDERFUL. This one is used almost altogether by the commercial growers out West. It is the kind you find on sale at the grocery stores. It forms a compact head of good quality. It likes cool weather and

An entirely distinct type extensively grown in e. If grown right it has a rich, buttery flavor

508 WHITE HEART COS. A
Europe, but little known here,
hardly equaled by any
other variety. When
plants are good size, tie
top leaves together so it
will bleach and be tender.

will bleach and be tender.

501 BIG BOSTON is probably the best of all smooth-leaved head varieties. It makes a flat, smooth head, about the shape of Flat Dutch cabbage The leaves are very thick and rich in flavor. The southern growers who plant Lettuce in the Fall or Winter for early shipment North, use this variety.



Plant the seed early on rich soil. Give plenty of room. Cultivate frequently to conserve the moisture, or if you are fixed to do so, irrigate. There it all is in a "nutshell." Anyone can grow head Lettuce if they will observe the above. Plant in the open just as soon as you can make a garden, or better still, plant late in the Fall, and the seed will come up fine in the Spring, or start plants in the house or hotbed, just like you do cabbage.



Grand Rapids Lettuce.

Muskmelons or Cantaloupes

Everybody likes a good Melon. They are more universally liked than any other vegetable. They not only have a pleasant and agreeable taste, but they are important as a food. Now, you can eat them with a clear conscience, knowing you are not only having a good time but doing yourself some good as well. So don't begrudge any space you may use for Melons, either Watermelons or Muskmelons, (339 THE ABBOTT'S PEARL is an accidental cross found by Mr. Abbott, a veteran Melon grower of Colorado. He saw in the Melon some points of improvement over any variety he knew, so he saved the need. That was several years ago and now his neighbors and folks in his valley are growing the variety both for home use and shipping. It is a small Melon, yellow skin and yellow flesh. It is attractive and the quality fully up to its appearance. The size and shape is uniform and the flesh thick and fine grained. It is the Rocky Ford size but yellow instead of green.

18 CALIFORNIA CREAM CATTALOUPE is the largest Musk-melon we list and if that is what you want, here is your Melon. It is the old-fashioned "Mushmelon" we grew when we were boys, and we thought then that it was the best Melon on earth. Yellow skin and yellow flesh.

6 BANANA. Resembles a very large banana. The flesh is yellow and of fair quality.

Greeley Wonder.

327 BURBELL'S GEM is a little larger than the Rocky Ford, oblong in shape and inclined to crack at the end, especially during a rainy spell. The quality is fine and flesh a deep pink.

329 EDWARDS' FERFECTO. Out in the commercial Melon-growing districts of the West they have Melon breeding down to a fine point, and are producing varieties of a quality that was hardly thought possible a few years ago. This one is heavily netted, which is very important in a shipping Melon, acting as a cushion, and also prevents evaporation or wilting. The flesh is a salmon color, and of splendid quality. I don't know of anything that tastes any better than one of these little Melons that has been grown on alfalfa or clover sod.

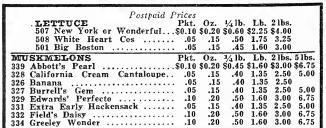
1 EXTRA EARLY HACKENSACK is some earlier than the old Hackensack and the same size and quality, so we list the one only, now. It is a very deep ribbed, large, green-fleshed Melon of fair quality.

332 FIELD'S DAISY is a medium sized, round Melon of unusual quality. It is not classed as a shipping Melon, still is shipped and hauled to neighboring towns quite successfully. However, it is, above all a Melon for home use and local markets It is a smooth, dark green Melon, very little net, rich orange colored flesh and of the very finest quality. It fairly melts in your mouth and is good clear to the rind. In size they will average six or seven inches in diameter and weigh about three pounds each.

about three pounds each.

334 GREFILEY WONDER. I happened to be in Greeley several years ago and they served Melon at the hotel where I stopped. I am always ready for Melon, so I ordered some and was surprised when they brought in a slice from a large Melon instead of the little Rocky Ford that most hotels serve. The Melon must have been seven or eight inches in diameter and the flesh fully two inches thick and a rich orange color. The guality was simply delicious, just as good as it looked, if not better. I went right out and hunted up that grower I went right out and hunted up that grower and we have been selling Greeley Wonder

ever since, and it gets better every year.



MUSKMELONS-Continued.

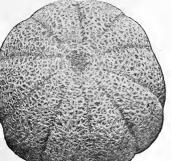
335 GREEN-MEATED NUTMEG is the old-fashioned little Nutmeg Melon that has been the standard for a generation or more. Small, extremely early and prolific.

tremely early and prolific.

345 HEARTS OF GOLD. It gets its name from the golden yellow flesh. It is a mighty fine Melon, not so very small, either, as it is quite a bit larger than a Rocky Ford. It originated somewhere in Michigan where it was used to supply a fancy trade in the nearby city markets.

346 HONEY BALL. This Melon is a cross between the old Texas Cannon Ball and the Honey Dew. The Texas Cannon Ball can be grown anywhere in the North but the Honey Dew does not like Corn Belt conditions. This has always been a disappointment to northern gardeners, tor the flavor of the Honey Dew is so different from other Melons and so well liked. This cross, however, which produced the Honey Ball has solved the problem. It does well under Corn Belt conditions. It is five or six inches through, round, smooth, no ribs, white skin like all Casabas or Honey Dews, very thick green flesh and a most delicious flavor.

327 HONEY DEW. These



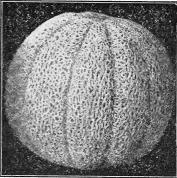
Hale's Best.

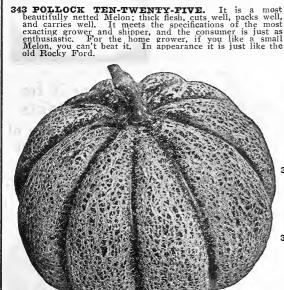
Perfection.

Melons have a flavor all their own. Most people like them better than any of the other Cantaloupes, They are the Melons that sell at outrageously high prices in the cities. A dollar each is nothing unusual. They are six or eight inches in diameter, and have a smooth, hard, white rind and green flesh.

341 OSAGE. A medium sized Melon of fine quality, slightly ribbed and netted; flesh a rich orange and fine grained. Sometimes a little soft at the blossom end.

This is one of the few Melons that seems to be as popular now as years ago when first introduced. It is a large, well netted, showy Melon; yellow skin and orange colored flesh. Its attractive appearance, fragrance and high quality are good reasons why it still is popular. 342 PERFECTION.





Honey Dew Melons.

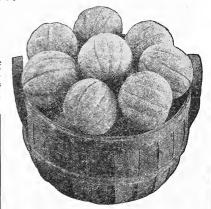
344 STANDARD ROCKY FORD has had a wonderful sale in the past, and is still as good as it ever was. The Melon, as most of us know, is green-fleshed. In fact, when you think of a Rocky Ford you think of a green-fleshed Melon. And to prove that color does not mean anything, the old reliable green-fleshed Rocky Ford is being replaced by the pink-meated variety, the 343 Pollock Ten-Twenty-five and other pink or salmon-fleshed Melons.

nesned Meions, 333 HALE'S BEST. One of the three best and most popular commercial varieties. A small Rocky Ford type, large seed cavity. rather uneven in shape and surface, but vigorous, productive, fine flavor, and is almost always good to eat. Can stand closer planting than most varieties. Introduced two or three years ago, and has grown in popularity as fast or faster than any other variety ever introduced.

NICOTINE CARRIER DUST

I believe the melon crop is damaged more by aphis or plant lice than by any other cause. It is a very small sucking insect, about the size of a pin head, that you will find on the under side of the leaf. Ordinary spray solutions have little or no effect. A nicotine dust is the best thing that can be used. Watch about the time the vines begin to run and as soon as lice appear, dust with Iowa Special Nicotine Dust. Have your supply of dust on hand, also a good dust gun. See page 52 for further information and prices.

A STATE OF THE STA	- /- Almon	Service Control	A15 1.00	31 16 Care	Y	
Postpaid Pr	ices					
MUSKMELONS	Pkt.	Oz.	1/4 lb.	Lb.	2 lbs.	5 lbs.
335 Green-Meated Nutmeg	0.05	\$0.15	\$0.45	\$1.50	\$2.75	\$6.50
333 Hale's Best	.10	.20	.50	1.50	3.00	6.75
345 Hearts of Gold	.10	.20	.50	1.60	3.00	6.75
346 Honey Ball	.10	.25	.75			
337 Honey Dew	.05		.50			
341 Osage	.05	.15	.45	1.50		
342 Perfection	.10	.20	.50	1.60		
343 Pollock Ten-Twenty-five	.05	.15	.45	1.50	2.75	
344 Standard Rocky Ford	.05	.15	.40	1.35	2.50	5.75



Pollock Ten-Twenty-five.

Onions

Grow your Winter's supply of Onions from the seed. They mature late in the season just before Onions are usually stored for Winter and keep much better than Onions grown from sets or plants. Every family needs a mess of Onions now and then, so be prepared by growing a supply. They are a good side crop for the farmer, bringing in more money per acre than most any other crop. A piece of ground that will grow a good crop of potatoes and is reasonably tree from weeds will produce a good yield. Figure about four pounds of seed to the acre.

acre.

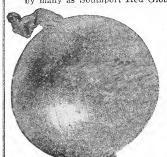
304 GIANT PRIZETAKER. The best known and the most popular among the yellow varieties. It is called the Spanish King and is the same big Onion seen in the round cornered crates in the truit stores in the Winter time. It is very large, mild and tender. Take it one year with another it is probably the best yielder of any of the varieties. On good soil and with good care they will grow to an unusual size. It will not keep as well as some varieties and they should be used up by the fore part of the Winter.

they should be used up by the fore part of the whiter.

305 LARGE RED GLOBE is probably the most popular market variety grown.

It has all the desirable qualities of a commercial variety, that is, vield, size, appearance, keeping and shipping qualities. Being a globe it will outyield a flat Onion. For home use it is just as good or better than others. It is known by many as Southport Red Globe.

310 SILVER KING is a white Onion, good size and of good quality. It is early, but does not keep well.



Large Red Globe Onion.

MOUNTAIN DANVERS. The great trouble in growing Onions in the high altitudes of the mountain regions of the Northwest is to get an Onion that will mature properly, one that will ripen up hard and solid without any thick neck or sprouty stuff. The irrigation country in Colorado, Idaho, Utah, Montana, and the rest of that country, can grow the finest crops of Onions on earth, if they can get the right varieties. What they want is an Onion of good size, good bright color, a good keepir and above all, very early. The Mountain Danvers fills the bill and no matter where you are located, if you want an early and a good keeping Onion, answering the above descriptions, send your order along. 306 MOUNTAIN DANVERS.

307 NEW QUEEN. There are two or three white Onions that are very early, and used mostly for pickles. We consider New Queen the best of the lot. Plant the seed thick so the Onions will grow small.

308 OHIO YELLOW GLOBE. This is one of the most popular yellow varieties. It is grown extensively by big growers in Ohio and Indiana and the East. This means that it will keep well and is an attractive market variety.



Wethersfield, Conn., in a district where Onions are grown as a special crop. It is a large Onion flat, skin a dark purplish red, flesh white or slightly flushed with pink, fine grained and solid. It makes a splendid set if seed is planted thick so the bulb carnot grow large. It is one of the best keepers we have.

363 RIVERSIDE SWEET SPANISH. I know of no Onion variety, grown from seed, that is any better in quality or resistance to Onion troubles than this one. It is not as long a keeper, for instance, as Large Red Globe, but makes up in quality and in other ways. It is a light yellow, globe shape, large and sweet.

311 SILVEBSKIN or WHITE FORTUGAL.
A medium sized Onion, flat, pure white and a good keeper, It is used largely for pickles,
312 SOUTHPORT WHITE GLOBE is a late main crop variety, medium size, solid and a good keeper. The flesh is a waxy white, fine grained and a long keeper.

and a long keeper.

316 THE MOUNTAIN RED GLOBE is grown by the same man who has grown the Mountain Danvers Onion.

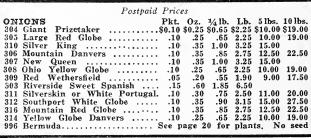
12 In the same man who has grown the Mountain Danvers for us every since we introduced it. He is located in Colorado just over the divide, at a very high altitude, where the seasons are short and where an ordinary strain of Southport Red Globe will not mature, and where an Onion has to hustle it it matures and makes a good sized bulb. A red Onion is preferred to a yellow one by many, and for this reason the Mountain Danvers did not suit everybody, so if a red is your choice, here is your Onion. It is like Southport Red Globe, but is earlier. It has a good globe shape, is dark red, ripens evenly, has a small neck, is free from scullions, keeps well and ships well. It is a good mate for Mountain Danvers, which means that it's a mighty fine Onion. One of the Franklin boys grew this seed, and these boys have done more to improve and develop Onion varieties out there in Colorado, where their seasons are short, than anyone else. To them belongs all the glory for the Mountain Danvers and this new one, the Mountain Red Globe.

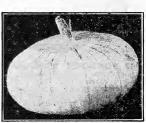


Yellow Globe Danvers Onion.

Mountain Red Globe Onion.

Onions





Bermuda Onion.

See Page 20 for Onion Plants The Modern way of Raising Big Sweet

Onion Sets

(See page 20 for Onion Plants).

Sets are grown mostly for early green or bunch Onions. They are among the first crops ready for use in the Spring and can be easily followed with other crops. All our sets are a nice small size, none above an inch and most of them much smaller. We can furnish the 317 Yellow and 318 White. We have dropped the red, as they are no better than the yellow or white and do not grow as nice an Onion.

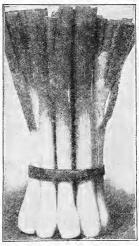
317 YELLOW BOTTOM SETS. We like the yellow sets best of all. They are nice bright sets; something that will please you.

nice bright sets; something that will please you.

318 WHITE BOTTOM SETS. Some prefer white sets because of their appearance. These are grown from the Silverskin variety and are good solid sets.

320 MOUNTAIN DANVERS. We have had lots of calls for 320 Mountain Danvers sets, so if you want to grow an early crop of them, we can furnish you the sets this year. If you want to grow large Onions from sets, I would recommend the Mountain Danvers rather than No. 317 Yellow Bottom or 318 White Bottom sets. When growing for large Onions, it is not necessary that the set be set out top side up. Let them drop in the furrow any way they choose, spacing three or four inches apart.

See Page 20 for Onion **Plants**



Bunch Onions.

The Modern Way of Raising Big Sweet Onions.

Peanuts

Of course we folks up North can't compete with the South in growing peanuts but we can at least grow a few for our own use. Plant after the ground is warm or the same time you plant beans, and they are just as easy to grow as beans. Do not disturb the vines too much after they have started to bloom. Do not bury the bloom. Harvest after frost.

259 EARLY NORTHERN Peanuts are the earliest and best ones for the North. They make small pods, but they are well filled and are so prolific that they yield practically as well as the big southern variety. The bush stands nearly unright like an early potato with the Peanuts clustered about the roots. This strain can be depended upon for a crop in any ordinary season in any country where corn will ripen. This is the variety that is used for salted Peanuts.

260 TENNESSEE RED. For quality and yield this variety is hard to beat. Most every pod contains three nuts and this is very unusual in any other variety. It is larger than 259 Early Northern and the kernels are covered with a deep red skin, which is a distinctive mark of this kind.

Parsnips

Don't make hard work out of growing a crop of Parsnips. The seed is slow to sprout, but if you will plant them early and sprinkle a few radish seeds along in the row with the Parsnips you will have no trouble in getting a stand. Pull the radishes out when they are ready to use, and thin out the Parsnips so they will have room to grow.

203 HOLLOW CROWN or LONG SMOOTH. The standard sort. Long, smooth, tender and sweet.

204 IMPROVED HALF-LONG. Much like the above, but shorter and heavier. Fine quality.

Early Northern Peanuts.

USPULUN One of the greatest discoveries of this age. It stimulates the germination of seed. It destroys seed-borne disease. It will destroy Damping-Off in seed beds or wherever it is found. It will prevent Crown Gall and will kill Brown Patch found on lawns. It increases the vigor of your plants and the yield. Price for enough to treat five bushels of seed, \$1.60. Must go express.

ONION SETS
(Either Yellow 317, or White 318).

½ lb., 15c; lb., 25c; 3 lbs., 65c.

Postpaid Quantity Prices
Gal. Pk.

Zone 2\$9.84\$1.48 Zone 5 ...\$1.07\$1.91

Zone 3\$9 1.57 Zone 6 ...\$1.07\$2.98

Zone 4\$98 1.74

DANVERS SETS. Pound, 30c; 3 lbs., 80c. Gal. Pk. Zone 2\$0.94 \$1.68 Zone 5\$1.17 \$2.11 Zone 399 1.77 Zone 61.26 2.28 Zone 41.08 1.94 PEANUTS 7/4 lb. Lb. 5 lbs. 10 lbs. 259 Early Northern ... \$0.15 \$0.45 \$1.75 \$3.25 260 Tennessee Red ... 15 .45 1.75 3.25



PEAS

146 ALASKA. The earliest variety of Peas grown, and the surest to make a crop. They grow about knee high and get very full of rather small, dark green pods, which are almost all ready to pick at one picking. It is always sure to grow well and will come up and bear in spite of any kind of weather. This is a hardy variety, the seed is smooth and can be planted just as early in the Spring as you can make garden. This gives it a big advantage over other varieties in maturing an early crop.

159 DWARF CHAMPION, in the main crop Peas, is the best Peas, is the best one in my opinion. This is a dwarf or bush form of the old-fashioned Champion of England. It or England. It grows about 17 inches high, stiff stalked and close iointed. literally loaded down with big, fat pods, which allways come in always come in pairs. Peas large, thin skinned, and of most delicious flavor.

Little Marvel Peas.

flavor.

160 DWARF GRAY
SUGAR. The pods
of this Pea have a
tender lining and
can be broken up
and cooked, pods,
peas and all, just
like string beans.

Improved Extra Early Peas.

ENGLISH PEAS

The English are great people for Peas, and have originated some fine varieties. I think they are far ahead of us in that respect. Some of their large-podded varieties simply can't be beat. I have imported and tried out a number of them and have selected three that will cover the season from early to late. They are all big, fat, heavy podded, dwarf Peas, very fine in quality, and under favorable conditions are great vielders. They have the short jointed, heavy stalks, and the broad leaves, typical of most of the English varieties. I would suggest that you buy all three so that you buy all three so that you will have a continuous supply through the season.

161 ENGLISH EARLY.

ENGLISH EARLY. warf, vigorous grower; ge pods; high quality.

ENGLISH SECOND ARLY. Very dwart, ARLY. Verd large pods.

EOP. High quality; ENGLISH

167 ALDERMAN will yield heavier but requires more care, in that they must have sticks or trellis of some kind for the vines to run on. You will be well repaid for this work however, as the quality, yield, and size of pod cannot be beaten. It has a dark green pod and is really an improved Telephone. 149 AMERICAN
WONDER will
give satisfaction
as a first early
among the wrinkled sorts. It is
very high quality
and yields well
for so dwarf a
vine.

so dwart a vine.

Sa CHAMPION
OF ENGLAND
and 164 MAREOWPAT are also tall sorts, but the quality is not equal to those mentioned above. These varieties have been on the market for many years and have a great many triends but I cannot say that I ampartial to them. Champion of England grows a rank vine with medium sized pods. Marrowfat a smooth-seeded variety, can be planted early. but requires a long season to mature, and produces medium sized pods. guires a long son to mature, and produces medium sized pods of rather poor quality. Both of these varieties are living on the reputation they made for them-

made for them selves years ago when Peas o really high quality were scarce. them

really high quality were scarce.

168 FIELD'S TOM THUMB.

The little dwarf bushes are simply loaded with fat pods stuffed full of Peas. You can have Peas just as early as you want them. New potatoes and creamed Peas. You know how that tastes. It is a new variety that is certainly worth a trial. The Peas are smooth and can be planted as early as you want to, the earlier the better. You can't get them in too early. The vines are dwarf, so plant them closer together than you do other varieties and they will outyield anything else.

147 FILLBASKET. One of the largest podded and best yielding varieties among the early Peas. You can fill a basket in a short time if you are gathering this variety. It can be planted very early, as the seed is smooth. It is some taller than Alaska and Improved Extra Early, but requires no support whatever.



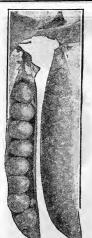
Alaska Peas.



Stratagem Peas.

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	Po	stpaid	l Pric	es		Not	Prepai	d
PEAS 146 Alaska 167 Alderman 149 American Wonder 158 Champion of Englane 168 Field's Tom Thumb 147 Fillbasket 159 Dwarf Champion 160 Dwarf Gray Sugar	Pkt. \$0.05 .05 .05 d	1/4 lb. \$0.15 .15 .15	Lb. \$0.40 .40 .40 Crop .45 .45	5 lbs. \$1.65 1.65 1.65 Us	\$3.00 3.00 3.00 e Ald ure. 3.25 3.25	25 lbs. \$5.50 5.50	50 lbs. \$10.50 10.50 10.50	100 lbs. \$20.00 20.00
161 English Early 162 English Second Early. 163 English Main Crop .	.05	.15 .15	.45	1.75 1.75 1.75	3.25 3.25	6.00 6.00 6.00	11.50 11.50 11.50	22.00 22.00 22.00



King Peppers.

150 GRADUS is of high quality and grows a tall, slender vine which is sensitive to dry weather and heat. For this reason the yield is not certain, but you can't say anything against the quality. Thomas Laxton is practically the same thing. It is interesting to note the number of names you can buy them under. There is an early and late strain of each, and they are practically the same thing; can be bought as Early Morn, Prosperity, Marchioness, World's Record, Early Giant, Extra Long Pod, Snowdrop, and no doubt many others.

148 IMPROVED EXTEA EARLY is very similar, but is three or four days later and generally a little taller than the Alaska. This is the brag early to which many seedsmen give first place, usually under some high-sounding name of their own. Pods are slightly larger than pods of Alaska and vines remain in bearing a little longer. Otherwise the two varieties are very similar, and both having smooth seed, they can be planted at the same time, very early, and the one will follow the other.

151 LAXTONIAN is the shortest Pea we have and has a pod as large as the largest. The quality is fine and the yield fair.

152 LITTLE MARYEL is among the newer varieties. and the general propular many years. However, both Premium Gem and Nott's Excelsior will soon be re-

there is nothing that has gained in

that has gained in popularity so fast. It is an early dwarf. Wrinkled Pea that will largely take the Excelsior, Premium Gem, and varieties of that class. Its strong points are yield and quality. The vines are simply loaded. The pods are not large, being medium size, but are stuffed full of Peas. They are tender and sweet. Use this variety when you have new potatoes and creamed Peas.



Dwarf Champion Peas.

been popular many years. How-ever, both Pre-mium Gem and Nott's Excelsior will soon be re-placed by Little Marvel, which is much better in all respects. all respects.

GEM is an old reliable, large-podded variety of very high quality. It is a late sort and winds up the season with Peas that taste just as good as the first mess, It has a dwarf vine and this is the principal difference between it and the Alderman. 165



Peppers

639 EARLY SWEET PIMENTO. This variety originated in Eastern Iowa under Middle West conditions, and is much earlier than other sorts, and will produce an abundant crop, while the southern Pimento, as a rule, gets into bearing only a short time before frost and does not have time to produce much fruit. It is very sweet and mild, rounding flat in shape, medium size; flesh thick, red when ripe, and never hot or bitey. We grew them in our trials last year, and we never had a variety that set on as heavy a crop as they did. They were satisfactory in every way and we are glad to recommend them. 643 BULLNOSE. Rubv

43 BULLNOSE. It is sometimes used for mangoes, but some are a little hot for that and not quite large enough. It is best used in pickles.

636 CAYENNE. This is the real red-hot-kind; grows 3 or 4 inches long and is very prolific, often a hundred or more to the single bush.

the single oush.

640 CHINESE GIANT. They are the largest, sweetest and best of all the sweet Peppers. I have had them as large as a quart cup, but, of course, they don't all grow that big. The only trouble with it is that it is pretty late and doesn't set very full.

645 RUBY KING is an old standby, well liked and widely grown. It is a medium sized Pepper, sweet and tender and medium early.

World Beater Peppers.

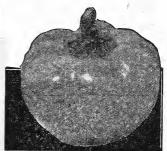
644 SPANISH PIMENTO is used in more ways than any other Pepper. It is medium sized pointed or cone-shaped, thick meated and very mild and sweet. It is red when ripe and is used either while green or when ripe. Pimentoes are growing in popularity very fast. They can be used in so many ways, in fact, any way that a sweet Pepper can be used.

641 WORLD BEATER. This is also a large Pepper; sweet and tender and of the best quality. It looks like it might be a cross between Chinese Giant and Ruby King, and is certainly a mighty fine sweet Pepper. I think it will take the place of Chinese Giant entirely, as it is practically as large and much earlier and more prolific.

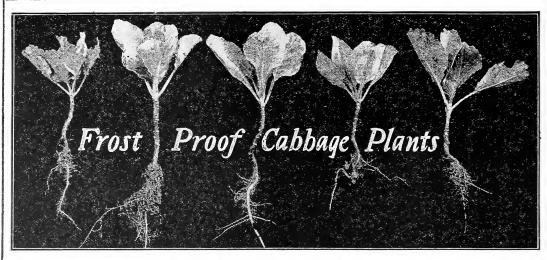
646 SWEET NEAPOLITAN. An early and a very prolific Mango or Sweet Pepper; shaped like the World Beater or Ruby King but smaller. Quality just as good. Well worth growing for early use.

-	Postbaid	Prices	Not Prepaid
PEAS 150 Gradus 148 Improved Extra Early 151 Laxtonian 152 Little Marvel 154 Premium Gem 165 Stratagem	Pkt. ¼ lb. \$0.05 \$0.12 05 .15 05 .15 05 .15 05 .15	Lb. 5 lbs. 10 lbs. \$0.35 \$1.50 \$2.75 .40 1.65 3.00 .45 1.75 3.25 .45 1.75 3.25 .40 1.65 3.00	25 lbs. 50 lbs. 100 lbs. \$5.25 \$10.00 \$18.00 5.50 10.50 20.00 6.00 11.50 22.00 6.00 11.50 22.00 5.50 10.50 20.00 5.50 10.50 20.00
103 Stratagem	Postpaid		2000

1 Ostpata	1 / 10003			
PEPPERS	Pkt.	Oz.	2 oz.	1/4 lb.
639 Early Sweet Pimer	ito \$0.15	\$0.60	\$1.00	\$3.25
643 Large Bullnose				
636 Cayenne		.45	.70	
640 Chinese Giant	10	.50		1.50
645 Ruby King	10	.45		1.25
644 Spanish Pimento	10	.45		1.25
646 Sweet Neapolitan	05	.45		1.25
641 World Beater	10	.50	.85	1.50



Early Sweet Pimento Peppers.



30c to 50c PER 100 IN QUANTITY.

These plants are grown in the far South. The seed is planted in the Fall and they make quite a growth before Winter sets in, then the cold weather and frosts hold them dormant. When Spring comes they are tough and hardy and will stand our early Spring frosts and unfavorable weather without a setback. During their Winter, they have just such weather as we do in early Spring. The reason they can be sold cheaper is that they are grown cheaper. They are grown as a field crop down South, acres and acres of them. No hotbed, cold-frame, or heating or extra labor expense to be charged up to them.

These Frost Proof plants can take a lot of punishment and come up smiling, for they are used to it. They have stood out in the field all Winter long without even the shelter of a cold-frame. They may appear weather beaten but a

few good growing days will bring them out and they will outgrow and head up earlier than soft indoor plants.

No order for less than 100 plants filled. If this is more than you need, do your neighbor a favor by clubbing with him. This is a chance to buy a hundred hardy, field-grown plants at about the price usually charged for a couple of dozen ordinary plants.

The varieties we can furnish are: 995 Wakefield, 994 Flat Dutch, and 993 Allhead. Prices: 50c per 100; \$1.00 per 200; \$2.00 per 500, postpaid; or \$3.00 per 1000, by express, not prepaid. We can also furnish 992 Norseman at 65c per 100; \$1.25 per 200; \$2.50 per 500, postpaid. In lots of 1000 or more, at \$3.75 per 1000, not prepaid. Ready any time in February, March or April.

Onion Plants 996 Bermuda

13c TO 25c PER 100 IN QUANTITY.

You have all seen and eaten the big, mild, sweet Onions, that are shipped North from Texas early in the Spring and sold at high prices. These Onions are not grown from sets, but are grown from plants, and you can raise them just as large and sweet and fine as those that come from Texas by using plants, the same kind of plants that they are using. It is not an experiment. They can be grown here in the North just as easily as they can be grown in Texas, and even better, for we have richer soil and the plants are just as chean as sets

richer soil and the plants are just as cheap as sets and as easily handled.
You would be surprised at the number of letters we have received from those who bought last year, telling us of the fine luck they have had in growing them and what nice, sweet Onions they are.

They come quick and them

They come qu you can use th green Onions or you can allow them to reach full size which ordi-narily is 3 or eter or more. We Onion Plants Showing Proper Trimming.

4 inches in diameter or more. We had them that large last year by the middle of June.

These plants are field grown and well hardened and will stand shipment and transplanting in perfect shape, but, of course, they are not as fresh looking as hotbed or greenhouse plants, but they get there just the same.

The plants are guaranteed to arrive in perfect condition and to transplant even better than cabbage and tomatoes. Set them out just as early as you can. They

will stand a little frost without injury. In our latitude the southern part of Iowa, they can be set out the latter part of March or first part of April, or at the same time you set out your frost proof cabbage plants. One crate of 6000 plants will set one-tenth of an acre, rows 18 inches apart and plants 6 inches in the row. Or if you prefer, rows can stand as close as 14 inches apart and plants 5 inches in the row. There is a good chance for a little side money in growing Bermuda Onions and it will be just as as assly made and just as profitable as butter or eggs. In this case buy in case lots at the reduced price. They must be ordered in even amounts as specified below, as they come packed in oo ther way. You can order as many bunches of 200 or 500 or 1000 as you please, but we cannot break them up in small amounts.

please, but we small amounts.

Prices, postpaid, 50c per 200; \$1.00 per 500; \$1.90 per 1000; or \$8.00 per crate of 6000 plants, all postnaid.



Onion Seed

If you are planning to grow a crop of Onions from seed, turn to page 16 of this catalog. Our leading commercial varieties are Mountain Red Globe, Mountain Danvers, Large Red Globe and Giant Prizetaker. The Mountain Red Globe was developed by one of the best Onion growers in Colorado. His seasons were too short for any of the standard sorts but by several years of careful selection he got the Onion he needed. It is suitable for any section where the seasons are short or anywhere an early Onion is wanted. It you plant an acre or more you should have a drill and wheelshoe built specially for the commercial grower. Planet, Jr. No. 4 and Standard No. 9 are both good, and sell reasonable. See pages 49 and 50.



Well Rooted Plants.

Pop Corn

A couple of boys I know had a vacant lot planted to Baby Golden Pop Corn, and they raised 500 pounds, which they sold at 5c per pound, clearing them just \$25.00. This was several years ago. Pop Corn is selling now and has been for some time, for over 10c per pound. Now, wouldn't you like to do that? Pop Corn should be planted just like field corn, only a little thicker.

191 BABY GOLDEN is the daintiest, prettiest little ear and is just as good as the larger sorts. There are no hard hulls and every grain pops. It has the sharp pointed grains.

195 JAPANESE HULLESS has a sharp pointed grain, a rather short, chunky ear, and a deep grain; it usually brings about twice as much on the market as some of the old varieties. It pops out without hulls. Practically all the commercial growers use this variety now.

192 LITTLE GIANT is white instead of yellow.

As far as quality is concerned, I suppose there is really very little difference between it and Baby Golden. Both pop out a snowy white.





You might just as well raise some Pumpkins as not. Plant a few hills where the corn is missing, and it's done. Squashes do not do that way, but Pumpinks seem to like it as well as having the whole field to themselves,

762 BIG TOM is a selection from the old Golden Marrow or Michigan Marrow, and grows uniformly to very large size. Not so large, of course, as the coarse "Mammoth Pumpkins," but the biggest and showiest of all true Pumpkins. Both skin and flesh are of a deep orange-yellow.

and of a deep orange-yellow.

761 BUFF PIE PUMPKINS. We have always grown large amount of large Cheese Pumpkins for table use, but we have lad trouble to get and keep a uniform strain of them. They are inclined to vary considerably in size and shape, and some very thin-meated. For some time now we have been selecting them to get a strain of the true flattened type, clear buff color, uniform size, and with thick, close-grained flesh. If you like a large Cheese Pumpkin for table use, I am sure you will be highly pleased with this.

highly pleased with this,

767 EXHIBITION COLLECTION OF SQUASHES AND PUMPKINS. In the trial grounds I always grow lots of varieties of these mammoth vegetables, having pretty nearly all the known varieties, both American and foreign. They are all imaginable shapes and colors, and of enormous size, many of them weighing 100 pounds. As there is not enough of each kind to save the seed separately, I save the seed out of all the largest ones, mix it well, and put it up in ounce packages. If you want to grow some enormous Squashes or Pumpkins, something big for exhibition purposes, you should get some seed of this.

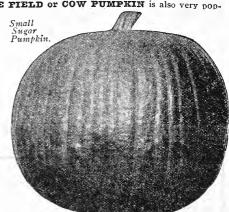
763 LARGE CHEESE. This is the flat, cream colored, well

763 LARGE CHIESE. This is the flat, cream colored, well known "Sweet Pumpkin." Large and good for either table use or stock. If you want to plant Pumpkin seed by putting it in the planter with the corn, this is the kind to use, as the seeds are small enough so that they will run through the planter boxes right with the corn.

766 SMALL SUGAR or RED SUGAR Pumpkin is a pie Pumpkin, It looks like a regular Yankee or Cow Pumpkin, but is smaller and entirely different in quality. Very early and prolific, cooks very quickly, and is of good quality.

765 WINTER LUXURY is a small, medium size variety; fine for table and a good keeper. 764 YANKEE FIELD OF COW PUMPKIN is also very pop-ular, for

ular planting in but corn, but the seeds are so large that they
must be
planted
with a hoe
instead of run being through planter. It is the big Yankee Field F i e 1 Pumpkin.



Pumpkin Pies

For pies use Buff Pie. Small Sugar or Winter Luxury. An easy way to prepare and cook them is to cut in halves, clean the seed out and place them cupped side down in a pan, without water, and set in the oven to cook. That is far less work than cutting in slices, peeling, then cutting into small pieces, as my mother used to used to do



Big Tom Pumpkins in Corn,

Postpaid P	rices				
POP CORN Pkt.					
191 Baby Golden\$0.05	\$0.15	\$0.40	\$1.50	\$2.2	
195 Japanese Hulless05					
192 Little Giant05	.15	.40	1.50	2.2	25
PUMPKINS	Pkt.	Oz.	1/4 lb.	Lb.	5 lbs.
762 Big Tom	\$0.05	\$0.15	\$0.35	\$0.90	\$4.00
701 Buff Pie	.05	.15	.35	.90	4.00
767 Exhibition Collection of					
Squashes and Pumpkins		.20			-41
763 Large Cheese	.05	.15	.35	.90	4.00
766 Small Sugar	10		.45		
765 Winter Luxury	.05		.45		
764 Yankee Field	05	15		9.0	

Radishes



453 ALL SEASONS MIXTURE. For the home garden many prefer a mixture. So we have made up a mixture that includes just about everything both early and late, the little round ones, long ones, and half-long or olive shape, and all colors or at least all Radish colors. This will give you variety and succession.

454 CHINESE ROSE WINTER. It is pink, makes a nice appearing Radish. They do not do well planted in the Spring but should be planted when late turnips are planted during the latter part of July.

as near or surjective.

237 CRIMSON GIANT comes as near being an all purpose Radish as any we have. It is an early red Radish, looking much like the old Early Scarlet Globe, but more perfect in shape and color, and much larger. It comes in nearly as early as the first early, but keeps on growing and remains tender, solid, and sweet until it gets as large as a teacup or larger. I have sold from them sometimes for nearly a month from one sowing.

441 EARLY BIRD. Early Scarlet Globe. An early, round, bright red, the same as

439 EARLY ROUND DARK RED. The name is a very good description of it except that no idea of quality is given, and it is a good one; one of the best in all respects.

18 a good one; one of the best in an respects.

440 EARLY SCARLET GLOBE. There are several varieties in this class, such as Early Round Dark Red, Early Bird, and Scarlet Turnip White Tip. These are all very early, very tender, very sweet and round in shape. All are fine for early planting,

442 FRENCH BREAKFAST. Rather oblong in shape, tipped white; small, early and very quickly becomes pithy after reaching full growth.

449 LADY FINGER. A good variety to follow Icicle. It is a long, slender, white Radish that will stand longer than the early varieties and not become pithy.



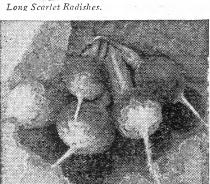
443 ROUND WHITE. It is about as early as the round red varieties, Really there is no difference in earliness to speak of. In quality, also, there is very little difference, if any.

446 SAKA. I think, without any question, that this is the earliest Radish grown, and is the prettiest Radish I ever saw. A most brilliant scarlet, perfectly round, small tap root and small top. It is crisp and mild, and the flesh snowy white. No matter what other varieties you buy, you should have some of these for first early.

4 SCARLET TURNIP WHITE TIP. A very attractive, little, early Radish, While not an extreme early, still it is classed among the earliest and a mighty fine variety.

tipped Radishes.

448 WHITE ICICLE. One of the best, if not the best, early Radishes. It is of medium length, small toos, very crisp and sweet. It should not be confused with the Lady Finger, a larger and later white Radish. Some may object to a white Radish but there can be no fault found with the earliness or quality of this one.



Scarlet Turnip White Tipped Radishes.

Early Scarlet Globe Radishes.

Tools for the Home Garden

We have a combined drill and wheel hoe, No. 1925, as listed on page 50, that is just the thing for the home gardener. The drill sow a five-cent packet down to the last seed. This has been a weak point with a great many garden drills. The wheel hoe is well built, the tools made of steel that will polish and scour. It sells at a price that the back-yard gardener can afford to pay. For full information turn to page 50.

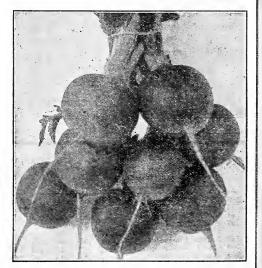
Postpaid Pr	ices				
RADISHES	Pkt.	Oz.	1/4 lb.	Lb.	5 lbs.
453 All Seasons Mixture\$	0.05	\$0.10	\$0.30	\$0.90	\$4.00
454 Chinese Rose Winter	.05	.15	.35	1.00	4.25
437 Crimson Giant	.10	.15	.45	1.25	4.50
441 Early Bird		.15	.40	1.10	4.25
439 Early Round Dark Red	.10	.15	.45	1.25	4.50
440 Early Scarlet Globe	.05	.15	.40	1.10	4.25
442 French Breakfast	.05	.15	.35	1.00	4.25
449 Lady Finger	.05	.15	.40	1.10	4.25
451 Long Scarlet	.05	.15	.40		4.25
443 Round White	.05			.90	4.00
446 Saxa	.15			2.00	
444 Scarlet Turnip White Tip.	.05		.40	1.10	4.25
448 White Icicle	.10	.15	.45	1.25	4.50



White Icicle Radishes.



Crimson Giant Radish.



Saxa Radishes.

Salsify or Vegetable Oyster

Why don't you grow Salsify? It is one of the most delicious and nutritious of vegetables and should be more generally cultivated for use in Winter when the supply of really good vegetables is so limited. It has the really true oyster flavor, and makes a delicious and inexpensive substitute for them to be used in soup, etc.

208 MAMMOTH SANDWICH ISLAND average fully double the size of Old Long White. The roots are white, smooth, and notwithstanding their large size, of very superior quality.



Banana Squash.

This is the big, warty, hard-shelled, dark green Winter Squash. It is big, prolific, and of fine quality. Will keep all Winter and gets better all the time. For nearly a century it has been the standard of quality with which all others have been compared. The new extra warted strain is claimed to be a slight improvement over the old type, but doubt if there is any real difference except a little in looks.

753 KITCHENETTE

Squash

736 BANAMA SQUASH. This is not a new variety, but is very scarce, although it used to be quite generally grown a generation ago. It is unusually fine in quality, large in size, a great yielder, a good keeper, and, in fact, is just about right in every way. It grows to large size, generally over 2 teet long, and sometimes 3 feet. It keeps equal to a Hubbard and that means it is a good keeper. It has a tough shell, but not hard like the Hubbard.

738 BOSTON MARROW, or as it is called, the Orange Marrow. It is the same shape and size as the Hubbard, but is soft shelled and is not so good a keeper. It is not so good a guality as the Hubbard but is much earlier and more prolific. It is valuable for early Fall sales, besides many people prefer it because it can be cut with a knife.

many people prefer it because it can be cut with a knite.

739 CUSHAW or CROOKNECK. I don't know whether to call it a Squash or a Pumpkin, but will class it with the Squashes. The neck is solid meat.

742 COCOZELLE. To be used while soft and green. Prepare just as you do Summer Squash. From ten to fifteen inches long. Color green and yellow.

740 DELICIOUS. I believe is fully as good quality as the Hubbard. Some claim it is even better. It is about the same color as Hubbard, but different shape, being broad at one end and pointed at the other end. It is good for early Fall and Winter, and while not very large, it makes up for this in high quality.



Table Queen Sauash.

743 FORDHOOK. as mall Squash to cut in halves and bake this is fine. It is about the size and shape of a big ripe cucumber, bears enormously, ripens early in the Fall and keeps all Winter.

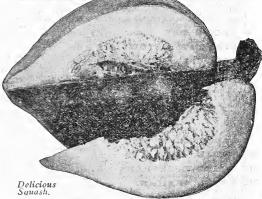
744 GOLDEN HUB-BARD somewhat re-sembles the Hubbard in shape and quality, hard-shelled the same way, but is much smaller and is orange-yellow in color.

747 MAMMOTH WHITE BUSH SCALLOP. There is a yellow Summer Squash just like this one except in color. The white seems to be most popular, so we

Kitchenette Squash.

most popular, so we dropped the yellow one. Use while young and tender.

50 SIBLEY OF PIME'S PEAK is a type of Squash like the Delicious, It is a small, light gray Squash of most excellent quality, and while not hardshelled, it keeps well for Winter.



751 SUMMER BUSH CROOKNECK is one of the most popular Summer Squashes. It is shaped like the Cushaw but much smaller. The color is a, deep yellow and covered with warts or is a deep y small bumps.

like a Genuine Hubbard but smaller. In reality it is a miniature Hubbard. It is just the right size to sell well on the market. It is about what the average family wants for one meal with none left over to spoil or throw away. It is a good keeper, the very best quality and yields unusually well both in number of Squashes per acre and tonnage. By all means try it out.

Squash you ever saw, about as large as a quart cup. Cut in halves and boil twenty minutes and ti is done. Also fine for baking, Quality is fine and cooks dry and mealy, It is blue-black in color, cone-shaped, keeps like a Hubbard and makes as good a pumpkin pie as a pumpkin.

BUG DUST

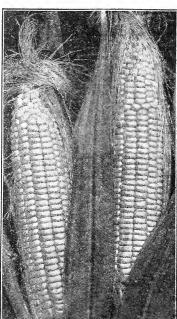
We have dusts for the chewing insects such as potato bugs, cabbage worms, melon bugs, and hundreds of others. For sucking insects, such as the pestiferous aphis or plant louse. For plant diseases, pestiferous aphis or plant louse. For plant diseases, such as rusts and blights. Turn to page 52 for full information on this.

Postpaid Prices SALSIFY Pkt. Oz. 1/4 lb. Lb. 5 lbs. 208 Mammoth Sandwich Island. \$0.10 \$0.20 \$0.65 \$2.15 \$10.00

\$0.05	\$0.20	\$0.50	\$1.50	\$6.25
.05	.15	.40	1.25	5.00
.05	.15	-40	1.25	
.05	.15	.40	1.25	5.00
.05	.15	.40	1.25	5.00
.05	.15	.45	1.40	6.00
.10	.15	.50	1.50	6.25
.10	.20	.50	1.50	6.25
05	.15	40	1.25	5.00
	.15	45	1.40	6.00
.05	,20	.45	1.40	6.00
.05	.20	.45	1.40	6.00
	.\$0.05 .05 .05 .05 .05 .05 .10 .10	\$0.05 \$0.20 .05 .15 .05 .15 .05 .15 .05 .15 .05 .15 .05 .15 .10 .20 .05 .15 .10 .20 .05 .15	\$0.05 \$0.20 \$0.50 05 .15 .40 .05 .15 .40 .05 .15 .40 .05 .15 .40 .05 .15 .40 .05 .15 .50 .10 .20 .50 .05 .15 .40 .05 .15 .50 .10 .20 .50 .05 .15 .40 .05 .20 .45	.05 .15 .40 1.25 .05 .15 .40 1.25 .05 .15 .40 1.25 .05 .15 .40 1.25 .05 .15 .45 1.40 .10 .15 .50 1.50 .10 .20 .50 1.50 .05 .15 .40 1.25 .05 .15 .40 1.25 .05 .20 .45 1.40

Sweet Corn

175 ALASKA INDIAN CORN. This is not the colored, flinty Indian Corn but more like Adams Extra Early, except that it is much earlier and very hardy. It is not a Sweet Corn but tastes good anyway because it is early and can be planted much earlier than the Sweet or Sugar Corn. Use it in place of Adams Extra Early. It is better.



BE COUNTRY GENTLEMAN and Golden Bantam
have the reputation of being
the last word in quality. I
am not real sure about this,
but believe it is not far from
the truth. The Country
Gentleman ans a medium Gentleman has a medium sized ear, deep grain with zig zag rows, sweet and of exceptional quality.

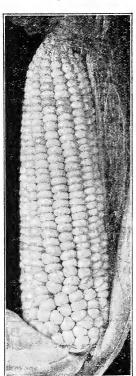
176 DE LUE'S GOLDEN
GIANT. This variety originated in the East and sold
at a bigher price than any
other variety ever introduced.
The ears are of medium length,
rather thick through, very tender and sweet.

180 EARLY CHAMPION. A Sweet Corn of real quality. It is a midseason, medium sized, white Corn that comes after the earlies and is gone before the Evergreen.

181 EARLY EVERGREEN
has a good sized ear the same
quality as Stowell's Evergreen
but some earlier.



		Post	paid .	Prices	;	No	t Prepo	id
SWEET CORN	Pkt.	1/4 lb.	Lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
175 Alaska Indian	\$0.10	\$0.25	\$0.75					
189 Country Gentleman	.05	.15	.40	1.65	3.00	5.00	9.50	18.00
176 De Lue's Golden Giant	.05		.40	1.65	3.00	5.00	9.50	18.00
180 Early Champion	.05		.40	1.65	3.00	5.00	9.00	17.00
181 Early Evergreen	.05	.10	.35	1.50	2.75	4.75	8.50	16.00
183 Early Mayflower	.05		.45	1.75	3.25	5.50	10.50	20,00
179 Early Minnesota	05		.35			4.75	8.50	16.00
177 Golden Bantam	.05	.10	.35	1.50		4.75	8.50	16.00
178 Golden Bantam, Mt. Grown.		.15	.45	1.75	3.25	5.50	10.50	20.00
171 Peep o' Day			.35			5.00	9.00	17.00
190 State Fair Stowell's	05					5.50	10.50	20.00
188 Stowell's Evergreen		.15	.40	1.65	3.00	5.00	9.00	17.00
174 Early Sunshine	.10	.25	.75	3.00	5.00	0.00	0.00	2
184 White Cory		.10	.35	1.50	2.75	4.75	8.50	16.00
187 White Evergreen		.15	.40	1.65	3.00	5.00	9.00	17.00
172 White Mexican	.05	.15	.40	1.65		5.00	9.00	17.00
112 White Mexican III.	00		.40	1.00	0.00	0.00	5.00	11.00



Early Champion Sweet Corn.

Tomatoes

408 BONNY BEST is a splendid second early Tomato, classed by some as an early sort. It is much larger than most early or intermediate varieties. If you know what the New Stone looks like you will have a good idea of the general appearance of this variety. It is perfectly smooth, solid, and ripens a heavy crop.

413 BEAUTY is similar to Pink Early June, but larger; is a smooth, solid, fine flavored Tomato, almost as large as New Stone, but purple in color. Where markets call for a purple or flesh colored Tomato, this is a fine one to grow. It is of good size, fine appearance, medium early.

410 CHALK'S EARLY JEWEL is a smooth, bright red, early Tomato. A little deeper color than the Earliana, not quite so early, but larger.

404 EARLIANA. It is red in color, of good size, fairly smooth, good quality, and ripens an enormous amount of fruit very early. Later in the season the big main crop Tomatoes go ahead of it, but for the first three weeks of the season when Tomatoes are high priced and taste good they turn out lots of fruit.

and taste good they turn out lots of fruit.

402 FIELD'S EARLY JUNE Tomato is the result of twenty-nine years of patient experimenting by Rev. W. H. Rust, who lives about 30 miles from here, just across the Missouri line. When he first brought me some of the Tomatoes, I thought it was a Stone until I cut them open, then it was easy to see I was wrong. When I found he had been selling them since June 14th, and was getting practically double price, I began to get interested. It looks like Earliana, and has the same kind of a vine, but it is a little earlier, is smoother, redder, and much more solid. Very nild, sweet flavor. It bears much heavier than any other early Tomato. It looks just like the Stone for shape and color. Possibly not quite so large. Flesh is solid and seedless as Ponderosa.

so large. Flesh is seedless as Ponderosa.



Chalk's Early Jewel Tomatoes.

kind they were. This Tomato is a deep blood-red, not yellowish nor purple, but instruction of yellowish in yellowish yellowish in yellowish yellowish in yellowish yellowish in yellowish yellowish in yellowish yellowish in yellowish yellowish in yellowish in y

Tomatoes. For quality there is nothing that is superior and the same is true in regard to size, being very large. It has very few seeds, nice, solid, tender meat and a fine flavor. Sometimes a little tough. It does best supported on a trellis of some kind.

419 YELLOW PEAR is a very small Tomato used for

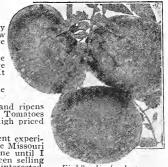
420 YELLOW PONDEROSA is about the same size as Ponderosa and much like it in other respects except color.

Grow your own Tomato plants and some for your neighbors. There is good money in selling Tomato, Pepper and Eggplant plants, which, as a rule, are too soft to mail any distance. Use such varieties as Red Head, Field's Barly June, New Stone and Ponderosa. They will sell best.

For early crops use the Paper Pots or Bands you will find listed elsewhere in this catalog.

McQueen's Inoculator

Folks, you can not afford to plant any legume without inoculating it, so "For the Land's Sake" use McQueen's Imoculator. Very easy to apply, full directions on each can. See page 63 for full information.



Field's Early June.

412 GOLDEN BEAUTY is a medium sized, smooth Tomato that is used for preserves sometimes.

407 JOHN BAER is something like Chalk's Early Jewel, being an early or second early red Tomato of good quality and yield.

416 MATCHLESS is a very similar variety to New Stone; large, solid, and suitable for main crop or can-

406 NORTON is a smooth, medium-sized main crop variety that was bred by the Department of Agricul-ture to resist wilt. This is a disease that does considerable damage in some parts of the country but does not affect the Norton.

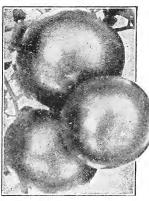
Ponderosa Tomato.

405 MARGLOBE. A wilt-resistant variety of Tomato. It is red, globe in shape, and of good quality. Very solid, ripens evenly and is suitable either for home use or for market.



Red Head Tomatoes.

Postpai	d Pri	ces			
TOMATOES	Pkt.	Oz.	2 oz.	1/4 lb.	Lb.
408 Bonny Best	80.05	\$0.35	\$0.60	\$1.00	\$3.50
413 Beauty	.05	.35	.60	1.00	3.50
410 Chalk's Early Jewel.		.35	.60	1.00	3.50
404 Earliana		.35	.50	.85	3.00
402 Field's Early June		.50	.85	1.50	5.00
412 Golden Beauty	.05	.35	.60	1.00	3.50
407 John Baer	.05	.35	.60	1.00	3.50
416 Matchless	.05	.35	.60	1.00	3.50
406 Norton	.10	.50	.85	1.50	5.00
405 Marglobe	.10	.45	.80	1.35	
417 Livingston's Globe	.05	.45			4.50
401 Red Head	.10	.50	.85		5.00
403 Pink Early June	.05	.35		2000	
418 Ponderosa		.50		1.60	5.50
419 Yellow Pear	.05	.50		2.00	0.00
420 Yellow Ponderosa	.10	.50	.85	1 60	5.50
420 Tellow Tollderosa,.	.10		.00	1.00	0.00



TOMATOES—Continued.
415 NEW STONE. This is the best representative of the Livingston's type of big, solid, "beefy." smooth, red Tomatoes. It is the earliest of any of the large Tomatoes, always smooth and remarkably free from rot. It is solid-meated, of good flavor and very prolific. In most localities this is the only one the canning factories will allow grown for them. It holds up its size clear to the end of the season, and after it once gets started bearing will bear heavily and continuously until frost.
414 MISSISSIPPI GIRL. It is named in

until frost.

414 MISSISSIPPI GIRL. It is named in honor of the canning club girls in Mississippi, who made a great success with it. Of the New Stone type, big. smooth, red, solid and sweet. Valuable in the South on account of its apparent ability to stand extreme hot, dry weather, and still hold its size, quality and color.

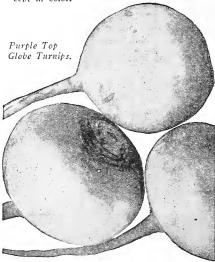
Neu Stone.

Turnips

Early Turnips should be sown or better still, drilled very early. You can't get them in too early. They should be thinned, however, to at least six inches apart in the row. Most people let Turnips stand too thick. That makes them small and tough and bitter. Late Turnips can be sown in July and August and will keep growing until the ground freezes. Use from one to three pounds to the acre.

803 EXTRA EARLY MILAN. For early use this is the best. It is tender and sweet and very early. Looks like the old Purple Top Strap Leaf but smaller and earlier.

804 EARLY WHITE MILAN. There is no difference in this and Extra Early Milan exdifference in cept in color.



My Selection of the Best Glads for Fred

Glads for Fred

Fred Tunncliff, our treasurer and studio manager, is becoming very much interested in Glads, and said he wished I would make a selection for him of the ten best popular priced varieties. There has been a lot of discussion of late as to which are the best varieties. Of course, it is largely a matter of opinion, although there is a standard by which varieties of this flower can be judged. Well here is my choice. It may not be the same next year, but as far as my knowledge goes now this is the list, and I think they can't be beat. Now, I'll expect to see these in Fred's garden next year, and if you want to try them I will make a special price as follows:

1451 Anna Eberius. Velvety purple.

1425 Le Marechal Foch. Light pink.

1426 Mary Fennell. Deep lilac.

1426 Mary Fennell. Deep lilac.

1427 Mrs. Frank Pendleton. Rosy pink with blotch in throat.

1421 E. J. Shaylor. Deep rose-pink; ruffled.

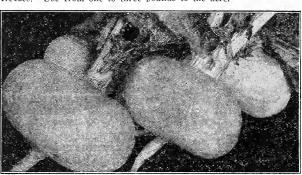
1430 Alice Tiplady. Orange-saffron.

1462 Red Bird. Bright red

1482 Golden Measure. Golden yellow.

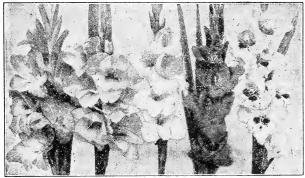
1482 Golden Measure. Golden yellow. You will find all of the above varieties scribed and priced on the Gladiolus pages. Golden yellow. ie above varieties de-

| SPECIAL OFFER | 1987 1 bulb of each | \$0.65 | 1988 3 bulbs of each | 1.75 | 1989 6 bulbs of each | 3.00 |



Purple Top Strap Leaf Turnips.

807 PURPLE TOP GLOBE. For main crop and Winter use I believe you will like this best of all. Large, fine grained, good quality, and, on account of its shape, yields better than the old flat type. 806 PURPLE TOP STRAP LEAF. Large, sweet and fine grained. 808 RUTABAGA TURNIP is a different growing Turnip entirely. It has smooth leaves like a cabbage, grows slower than an ordinary Turnip and much larger. The best variety has a purple top with yellow flesh. This is the variety we use. They are not much of a success here in Iowa, but in the northern states they are quite valuable. 805 SNOWBALL. This is a fine globe-shaped, white Turnip, and of good quality. Good for early or late. 810 WHITE GLOBE. A late white variety.



A Few of My Glads for Fred's Garden.

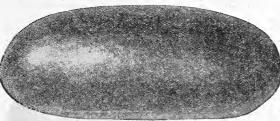
TOMATOES 414 Mississippi Girl 415 New Stone	Pkt. \$0.10	\$0.50	\$0.85	\$1.50	Lb. \$5.00 3.75
TUENIPS 803 Extra Early Milan 804 Early White Milan 807 Purple Top Globe 806 Purple Top Strap Leaf 808 Rutabaga, American Purple Top 805 Early Snowball 810 White Globe	.05 .05 .05 .05 .05	Oz. .15 .15 .15 .15 .15 .10	.40	1.25 1.25 .90 .90 .90	2.40 1.60

olorado Klecklev Watermelon.

It is mighty hard to make a choice of Watermelons. They are good and I could be happy with any of them. Of course, a man always has his personal preference. Set me down by a big, ripe, red-fleshed Melon, picked in the morning while it is cool and I will down by a big, ripe be perfectly happy.

be perfectly happy.

704 COLORADO KLECKLEY SWEET. The finest stock of Kleckley Sweet I ever saw. I ran across it out in Colorado one year when I was out there inspecting our seed crops. I happen to have a failing for Melons and I believe I can spot a patch of good Melons quicker than anyone else. They grow an especially fine strain out in this section of Colorado for the tourist trade at the Summer resorts. They get such fancy prices that it makes the seed practically prohibitive. However, we found a grower out there who has agreed to grow his crop especially for us, and at a reasonable price. Everyone knows what the Kleckley is, so picture in



Giant Kleckley Watermelon.

719 EXCELL is a big, oblong Melon of good quality, that is especially valuable as a market variety, because of its size and attractive appearance.
702 GOLDEN HONEY. There are very few yellow-fleshed varieties, and good ones among them still fewer. However, you will find the quality in this one all right. 718 IRISH GRAY. This variety and the Excell are giving some of the other market varieties a close run for their popularity. I do not think they will carry any better but the quality seems to be better. The Irish Gray is a long, light green Melon; firm red flesh of good quality. 705 KIECKLEY SWEET. This is the original strain and is probably the best known of any variety. It is too brittle to ship and haul far to market, but if you have a nearby market and customers who will appreciate good Melons you can do well with it. Bright red flesh and white seeds.
721 GIANT KLECKLEY is something like Kleckley Sweet in quality and general appearance, except the Melon is larger and the seeds show more or less brown instead of being pure white. The flesh is red, crisp and sweet. The skin is a solid green and rind tough and thin. The Melon is a much better shipper than Kleckley Sweet.



regard

and

so picture in your mind the finest strain of this vaof this va-riety you ever saw and you will have a good idea of the stock we are offering.

This stock produces lots of large Melons 40 pounds or more in size. They are solid green, slightly oblong, rind very thin, a brittle and bright red flesh.



Excell Watermelon.

706 McIVOR'S WONDERFUL SUGAR is another main crop Melon. It looks like the old Rattlesnake, but is of much better quality Large and long; medium early. Good for either market or home use.
708 SWETHEART. Years ago this Melon had a great run of popularity, especially as a shipping Melon. It is a good sized Melon, light green skin, red flesh and black seeds. Quality fair.
703 HALBERT HONEY. This is a long, slender Melon having the Kleckley Sweet quality, and this is extra good. Dark green and of medium size. It is inclined to grow "gourd necks" if the weather is very dry,



Postpai	l Pri	ces	Take of the second			
			1/4 lb.	Lb.	5 lbs.	10 lbs.
704 Colorado Kleckley						
719 Excell	.10	.15		.90		
702 Golden Honey	.05	.15	.40	1.25	5.50	10.00
718 Irish Gray	.05	.15	.35	.90	4.25	7.50
705 Kleckley Sweet	.05	.15	.35	.90	4.25	7.50
721 Giant Kleckley	.10	.20	.50	1.50	6.25	
706 McIvor's Wonderful Sugar.	.05	.10	.30	.85	3.75	7.00
708 Sweetheart	.05	.10	.30	.85	3.75	7.00
703 Halbert Honey	.05	.15	.35	.90	4.25	7.50
709 Tom Watson	.05	.10	.30	.85	3.75	7.00
723 Volga	.10	.20	.50	1.50		
724 Field's Jumbo	.10	.20	.50	1.50	6.75	12.50

724 FIELD'S JUMBO. It is the Melon we showed at the Iowa, Nebraska and Kansas State Fairs and offered \$50.00 for a bigger one, but didn't get to spend our money. It is a very large and very solid Melon, slightly oblong in shape, deep red flesh and dark seeds. It ships well and eats well and outsells any Melon I ever saw. It is the largest Melon we have ever grown that is really good to eat, which is more than you can say of most big Melons. We showed Melons last Fall weighing 104, 106 and 109 pounds. Can you beat that?

709 TOM WATSON is a good shipping Melon; in fact, is the leading variety among the big southern growers now. It is the largest Melon I have ever grown, except the new Field's Jumbo. It is long, but not a slender Melon. It is shaped something like the Kleckley, fairly good quality, skin a mottled green, seed white with a brown center, and very often a good many entirely white. It has the toughest rind I ever saw, and a fairly thin rind, too. thin rind, too.



Princess Watermelon.

Early Melons

The early varieties of Melons are usually smaller than the standard varieties I have described, but are very valuable for use in the extreme northern states or for the first market anywhere.

The first market anywhere.

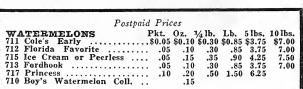
711 COLE'S EARLY. This is a very early Melon. It is bright striped in two shades of green. Has bright red flesh and black seeds. In good soil and under good growing conditions the quality will be fair. I am sorry we can't talk quality on it. I believe, rather than plant it, I would risk Princess, which is almost as early and has real quality.

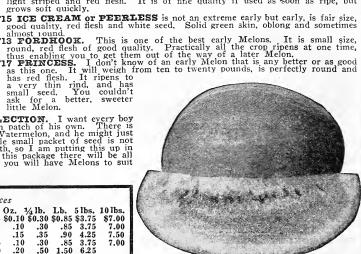
712 FLORIDA FAVORITE is a slender, medium sized Melon, medium early, light striped and red flesh. It is of fine quality if used as soon as ripe, but grows soft quickly.

715 ICE CREAM or PEERLESS is not an extreme early but early, is fair size, good quality, red flesh and white seed. Solid green skin, oblong and sometimes almost round.

713 FORDHOOK.

710 BOYS' WATERMELON COLLECTION. I want every boy in the country to have a Watermelon patch of his own. There is nothing that fits a boy so well as a Watermelon, and he might just as well grow them himself. A single small packet of seed is not enough for a hungry boy to start with, so I am putting this up in big packages of over an ounce. In this package there will be all kinds in both early and late, so that you will have Melons to suit the taste of anyone.





Fordhook Watermelon.



Spinach, King of Denmark.

Odds and Ends



White Vienna Kohlrabi.



White Velvet Okra.

Oz.

Pkt. 223 MUSTARD, Ostrich Plume. Well GARDEN LEMON or**PEACH.** For preserves; prepare same as citron\$0.05 named seed 298 GARLIC. Tastes like onion, only more so. 5c per bulb; 40c per lb. 214 GROUND CHERRY. Yellow. Used for preserves50 216 KALE. Half Pkt. Oz.

Dwarf Curied. Belongs to the cabbage family. Fine for greens\$0.05 \$0.15 225 KOHLRABI, White Vienna. Looks like a cross between cabbage and turnips, and is better than either one. Grown either one. Grown like cabbage 215 LEEK, Large Flag. Used for soup. 299 MUSHROOM SPAWN. Per brick, 40c; 3 for \$1.00, post-paid. .15 9 MUSTARD, Black. Very early. Goes to seed soon05 .15 221 MUSTARD, Chinese Curled. Leaves curled and crumpled.

.15

\$0.15 224 MUSTARD, White. Grown for the .15 226 OKRA, Mixed. Very popular in the South. Gather pods when young and tender. .15 227 PARSLEY, Moss Curled. Used for garnishing and seasoning05 .15 RHUBARB PIEPLANT05 .15 208 SALSIFY, Mam-moth Sandwich Is-land. Oyster Plant. .10 .20 212 SPINACH, New Zealand. You can null the leaves from this plant all Summer long and it will keep growing more leaves all the time. Makes splendid greens05 .10 O SPINACH, Giant Thick Leaf. Later than the above and stands longer without going to seed. 1/4 lb., 25c .05 .10 231 SPINACH, King of Denmark. Early; stands a long time without going to seed. .15

Odds and Ends—Continued

229 SPINACH, Bloomsdale Savoy. Very early. 1/4 229 SPINACH, Bloomstate
Savoy. Very early. ½
261 SPINACH, Big Green,
Leaf. Large, dark green
leaves; tender and of good
quality. Richest of all vegetables in health giving properties,
Plant early and use \$0.10 \$0.05 .05 .10





Parsley.

Per lb., 25c; 3 lbs., 50c, postpaid. 12 lbs. Per lb., 25c 50c, postpaid. not prepaid, \$1.00.

262 SUNFLOWER, Mam- Pkt. moth Russian. Grown for chicken feed. Pint equals one-half pound. ½ lb. 10c; lb., 30c

one-half pound. ¼ lb. 10c; lb., 30c S C HA R P. Lucullus. Large, fleshy, crumpled leaf. Time for greens during Summer. ¼ lb. 50c CO. White Burley. Fine, all purpose variety :\$0.05 \$0.15

.40



Ostrich Plume Mustard.

Herbs



Winter Bouquets



Dill

We are listing several flowers this year that will keep through the Winter and are suitable for many purposes. They can be used in vases or can be made up into an endless variety of bouquets. They are grown commercially in some localities and sold at very high prices when made up into clusters of various forms. You will find them all listed on the flower seed pages of the catalog with full description.

1002 ACROCLINIUM. Dainty pink and white daisy-shaped flowers. Pkt., 10c.

1112 HELICHRYSUM. Mixed. The rose-shaped strawflower that is the foundation of all Winter bouquets. Large pkt., 15c.

1117 STATICE sinuata. The new annual which bears dainty pink, lavender and yellow ruffles along its flower stem. Pkt., 10c.

1097 GLOBE AMARANTH. Globular blooms in shades of

.05

pink, lavender and yellow rumes along ...
Pkt. 10c.
1097 GLOBE AMARANTH. Globular blooms in shades of
white to crimson. Pkt. 10c.
1276 BABY'S BREATH or GYPSOPHILA. Perennial.
Tiny white blossoms. Used for mistlike effects. Pkt. 5c.
1281 CHINESE LANTERN PLANT. Perennial. Large,
orange-red pods. Pkt. 10c.
orange-red pods. Pkt. 10c.
orange-red pods. Pkt. 10c.
but the property of the 1281 CHINESE LANTERN PLANT. Ferennia. Large, orange-red pods. Pkt., 10c.
1295 ERYNGIUM (Sea Holly). Burrs and stems a wonderful shade of blue. Pkt., 10c.
1312 STATICE latifolia. Perennial. Lavender Baby's Breath. Pkt., 10c.
1943 SPECIAL OFFER. One packet each of the above eight varieties, for 50c.

Flower Seeds

around the home indicate culture, refinement and happiness, oncer a ouestion whether to have flowers or not but just a

Flowers around the home indicate culture, rennement and nappiness. It is no longer a ouestion whether to have flowers or not but just a question of where to jut them.

The thoughtful man fences the yard so that the women folks may have flowers close at hand to brighten their labors. If the yard is not fenced, there is still it chances to grow flowers in the vegetable garden and in window and porch boxes.

The cheapest way to grow flowers is from seed. Any woman with a hand for delicate embroidery and fine cooking can master the art of getting thy seeds to grow, and the mother instinct of her will guard their culture.



Sweet Alyssum Border.

Antirrhinum or Snapdragon

Snapdragons are a favorite with most everyone. Their beautiful colors and fragrance are wonderfully pleasing. They are easily grown and are fine for cut flowers as well as a good bedding plant.

From the many varieties grown we have selected the Maximum Giant-Flowered strain, which produces the long spikes. Grow them in a slightly sheltered spot, and keep moist and they will look like the hot house blossoms.

1007 Bonfire. Glorious shades of yellow, henna and flame. Pkt., 10c.

1008 Delicata. Pink. An exquisite shade. Pkt. 10c.

1009 White. Pure as snow. Pkt., 10c.

1010 Mixed. Pkt., 10c.



Antirrhinum.



My sister Mrs. Helen Fischer who is our flower lady, says. "Everlastings are popular favorites this year." Here she is shown arranging some of our own growing into Winter bouquets. She also helped select the flowers and wrote up most of the copy for these bages. She studied landscaping and kindred subjects at Cornell College, and is a great help in this work. She will also be more than glad to help you with your flower gardens.

1001 ALYSSUM. Sweet. Sweet Alyssum is the indispensable annual. The best white border palar in existence, Lacy and fragrant Pkt. 10c.
1002 ACROCLINIUM. Everlasting. Dainty pink and white, dasy-shaped flowers. Pkt. 10c.
1003 AGERATUM, Blue Perfection. A charming annual, entirely covered with a solid fluff of bloom until very late Fall. No blue garden is complete without it. A deep rich blue; nine inches tall. Pkt. 10c.

Amaranthus

Loses color if planted in rich ground.

Loses color if planted in rich ground.

1004 Sunrise or Molten Fire. A gorgeous new variety of medium height with foliage banded with bronze, scarlet and yellow. Plant at base of Castor Beans for Oriental effects. Start plants indoors. It colors beat in poor soil.

indoors. It colors better in poor soil.

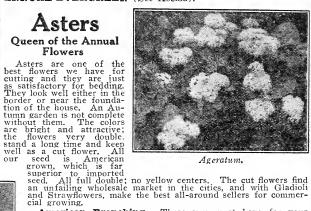
better in Luetta Armstrong, our beloved singer, and her little niece visit Mrs Fischer's garden. Pkt., 15c.

1005 Tricolor or Joseph's Coat. A useful dwarf bedding plant with gorgeous foliage that can be clipped if desired. Pkt., 5c.

1006 Caudatus or Love-Lies-Bleeding. A giant form of the same that sometimes attains six feet. The flowers are like chenille tassels. Pkt., 5c.

ANNUAL EVERGREEN (See Kochia).





Asters

Queen of the Annual **Flowers**

cial growing.

American Branching. These you must have for your main crop. Give them plenty of space, as they have long stems and gorgeous big blooms.

1011 Azure Blue.

1012 Crimson.

1016 Purple.

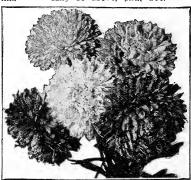
1017 Mixed. All colors.

1014 Peerless. Pink.

Any of above, pkt., 10c.

1942 Special Offer. One packet each of the colors or six packets in all, for 50c.

1019 Chrysanthemum-Flowered. We have made this have made this mixture our-selves of all the best of the feathery, shaggy varieties, in-cluding Mikado Giant Comet Ostrich Feather and Giant Poodle. Very artistic. Mixed. Pkt. 10c. artistic. I Pkt., 10c.



American Branching.

Lanender Gem.

ASTERS-Continued.

1018 Giant Branching. Same as American Branching but still larger. A new strain and the seeds are scarce. Pkt., 15c.

A new strain and the seeds are scarce. Pkt., 15c.

1020 Oneen of the Market. This is the good old standard variety that you make your money on for cut flowers, as it blooms during the July-August lull. Plant plenty of it. Mixed. Pkt., 10c.

1021 Carlson's Early. This is a new early strain, and you will want one packet for variety, Mixed. Pkt, 10c.

NEW VARIETIES

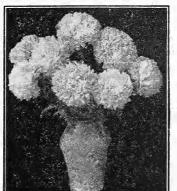
For those who want something fancy for the Fair or Flower Show.

1022 Lavender Gem. This is an exquisite true lavender and combines beautifully with marigolds in your plantings. Pkt., 15c. 1023 Peach Blossom. A pale apple blossom shade. Combine this

with Ageratum or Gilia. Pkt., 25c. 1024 Heart of

Heart of France.





Peach Blossom.

Annuals That Self-Sow

All around the vegetable garden next to the fence where the plow will not disturb them, plant clumps of annuals that self-sow.

Cornflower Snapdragon Petunias Poppies

Calliopsis Love-in-a-Mist Ageratum Calendula Portulaca

1926 Special Offer. One packet each of the above six varieties, for 50c.

FLORISTS' MIXTURES

Assorted varieties grouped by colors. Each color contains the principal types and the Florists' Mixture contains everything.

1025 Florists' White Mixed.

Pkt. 10c.

1026 Florists' Pink Mixed. Pkt.,

1027 Florists' Blue Mixed. Pkt.,

1028 Florists' Red Mixed. Pkt.,

1030 Florists' Mixture of Extra Early. Pkt., 10c.

1029 Florists' Mixture.

1036 BALLOON VINE (Love-in-a-Puff). A rapid growing vine with attractive pods like soft green bubbles. Pkt., 5c.

Carnations

1039 Dwarf Marguerite. A half hardy plant, blooming late in the season. Fragrant, double; colors white and various shades of pink. Sometimes called "Carnation Pinks." Pkt., 10c.

Chabaud's Giant Double. A very large double; suitable for pot culture as well as growing in the open Plants can be lifted late in the season and potted for Winter bloom in the house.

1040 Dark Red. 1042 White. 1041 Yellow. 1043 Mixed. Your choice, 15c per packet.

1044 CASTOR BEAN (Ricinus). Palma Christi. The large, ornamental kınd. Pkt., 5c.



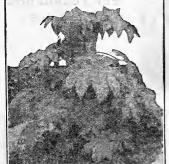
Balsam.

Balsam or Touch-Me-Not

An old favorite. The many-colored flowers grow along the stem, intermingled with the foliage, making a most attractive plant. Seed pods a great curiosity. When ripe will suddenly snap open, throwing the seed some distance, Excellent for planting around the foundation of a house of a house.

1037 Prize Double Mixed. The finest to be had. All double. Pkt., 10c.

1038 Camellia-Flowered. Double, Flowers all colors. Covered with white polka dots. Pkt., 5c.



The interesting fruit megranates with their 1045 BALSAM APPLE. of this vine suggests pomegranates with their scarlet seeds Pkt., 5c.

46 BLUE LACE FLOWER. Still a novelty, but a good one. Long stemmed flowers and a constant bloomer. Pkt., 10c.

Calendula

If you love yellow and orange, this low-growing plant will bring it from early Summer to late October like a carpet of sunshine. Individual blooms are beautiful, and are much used in aristocratic homes for table decoration.

1047 Lemon Queen. Pkt. 10c.

1048 Orange King.
Pkt., 10c.

1049 Mixed. Pkt., 10c.

California **Poppies**

Many who saw the corgeous new colors of he California Poppies gorg the Castor Bean Plant.

"The vellow originals. They are whole town will want to visit your garden to see them."

"The Cantionna Popples in our trial grounds did not realize that they were sisters of the old robust bloomers, and the whole town will want to visit your garden to see them.

1050 Orange Yellow. An old favorite. Pkt., 5c.

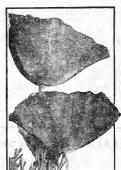
1051 Carmine King. A beautiful carmine-rose. Pkt., 10c. 1052 Alba. Best white. Pkt., 5c. 1053 Geisha Girl. Fluted petals. outside orange-crimson. Pkt., 10c. Inside brilliant gold,

outside orange-crimson. Pkt., 10c.

1054 Golden West. Yellow with orange center. Pkt., 10c. 1055 Mixed. All colors. Pkt. 5c.

Watch-Em-Grow

A splendid fertilizer for flowers of all kinds.



California Poppies.



The New Bride and Groom.

In honor of our daughter, Jessie, who is a bride this year, we wish to send a pink climbing rose to each bride who sends us her seed order this Spring Start the new home with beauty and love will be more apt to linger.



Candytuft.

1072 CHINESE WOOL-FLOWER. One of the best novelties introduced in the last fifteen years. Like a pompon of crimson yarn. Plt.,

Chrysanthemum (Annual)

Large, daisy-shaped blooms with odd and beautiful arrange-ment of colored rings surround-ing centers. Wonderful for cut flowers. Easily grown. Plant them very early.

1073 Lena. White with scar-let zone. Pkt., 10c. 1074 Luetta. Primrose with brown disc. 1075 Anna. Golden yellow.

brown disc. 1075 Anna. Pkt., 10c. 1076 Letty. Pkt., 10c. 1076 Tetty. Pkt., 10c. 1077 Bertha. Giant white with Publish years Pkt. 10c.

vellow zone. Pkt., 10c.

1078 Finest Mixed. All colors,
Pkt., 10c.

1056 CALLIOPSIS. Semi Plena. Another annual that scatters its dancing flowers of orange, henna and yellow into every waste corner of your garden, and is ever welcome. Mixed. Pkt., 5c.

1057 CALLIOPSIS, Drummondi.
esting new dwarf form of the above, Fine for cutting. Mixed. Pkt., 5c.

1058 CANARY BIRD VINE. Named from the airy yellow flowers with feather-like petals. Pkt., 5c.

Candytuft

An old annual that has been vastly improved in its color range. Its lavender, rose, and carmine shades were one of the sensations of our trial grounds. You should have at least one packet of each color. The first three varieties are the umbellata type. They have a cluster of flowers somewhat resembling annual rhlox.

1059 Lavender Gem. Combines with yellow or orange. Pkt., 5c.

1060 Pale Rose. Combines with carmine, Pkt., 5c.

1061 Carmine Glory. with pale rose shades. Combines wonderfully Pkt., 5c.

1063 Mixed.
Pkt., 5c.



1062 Giant Hyacinth-Flowered. White. One foot spikes, actually resembles single white hyfoot spikes, actual acinths. Pkt. 5c.

1064 CANNA SEED. File a hole in each seed before planting. Pkt., 5c.

1065 CARDINAL CLIMBER. You will love it. Leaves are like Cypress Vine, but the flowers are little scarlet morning glories. Self sows shyly. Pkt., 10c.

1066 CACALIA or FLORA'S PAINT BRUSH.

Double Cornflower

(Centaurea cyanus). Much superior to the old-fashioned single Cornflower. We list these in separate colors because the blooms are so beautiful and so sturdy that you will find a dozen color combinations for it. In the pink, blue or lavender garden, it will bloom all Summer. For church or house decoration you can use them and be sure they will stand up. Dainty enough for baskets, for funerals and sturdy enough for school ground plantings, and best of all it self-sows.

1067 Blue.



Double Cornflower.

1068 Pink. 1069 White.

1936 KFNF Chrysanthemum Collection. The five named varieties above and one packet of mixed, for 35c.

1079 COBAEA SCANDENS. A beautiful vine with hell-like flowers. If planted in your window box, it will climb the screen where desired and will make a dainty lace curtain of greenery. Pkt., 5c.

Cosmos

The glory of the Fall garden. On tall, feathery, green stalks it bears daisy-like flowers in all shades of lavender, pink and red. Ours is the early-blooming strain, that blooms from midsummer on. 1030 Crimson. Pkt., 10c. 1031 Pink. Pkt., 10c. 1032 White. Pkt., 10c. 1032 White. Pkt., 10c. 1032 Early Single Mixed. Pkt., 10c. 1034 Early Double or Crested. The new double Cosmos is the sensation of recent years. Full description under "Novelites." Pkt., 20c. 1035 COKCOMB. One of the old-fashioned flowers that is coming back into popularity. We have a specially fine strain of this old favorite, extra big and extra red. Some as big as a dinner plate. Pkt., 5c. 1036 COLEUS. A beautiful foliage plant. Pkt., 10c. 1037 CLEOME FUNGENS (Giant Spider Flower). A tall, slender plant with pink blossoms and spidery seed pods, native to Colorado and Wyoming. The seeds are slow of germination and may not strout the first year, but well worth waiting for. Plant it in the background in a sunny location. Pkt. 5c. 1038 CYPRESS VINE. A medium tall growing vine with fine dark green foliage; pretty red and white flowers. Pkt., 10c. 1041 SPEED. As a rule blooms first year from seed. Each plant different, Save the bulbs of the worth while plants. 1039 Single Mixed. Pkt., 15c. 1091 DATURA (Ghost Flower). Large trumpet-shaped flower. Blooms at night; very fragrant. Pkt., 10c. 105.

er. Blooms at night; very fragrant. Pkt., 10c.

Flowers for Special Locations

My sister. Mrs. Helen Fischer, has written up a lot of information in regard to flowers for special locations. We are so crowded that we did not have room for it in the catalog but have it printed in booklet form. You are welcome to a copy if you will ask for it.



DIANTHUS Pinks).

1092 DUSTY

LER (Centar The Soft grav foliage plant used to edge beds. Pkt. 10c.

1070 Lavender. 1071 Double Mixed. Your choice, pkt., 10c: 3 for 25c.

For Foundation Plantings

Until you get shrubs planted to hide your founda-tion, use annuals. These will stand the heat in that trying location: Balsam.

Four O'clocks. Love-Lies-Eleeding. Snow-on-the-Mountain. African Marigolds. Annual Evergreen.



Early Single Cosmos.

EVERLASTINGS (See Helichrysum).

1093 FOUR O'CLOCK or MARVEL OF PERU. An old favorite of renewed popularity. Use it for hedges, for foundation planting and large beds for public places. Wonderful around filling stations, because of its evening bloom and fragrance. Children make beads of its seeds. Mixed. Pkt., bc: oz., 20c.

1094 GERANIUM SEED. No two plants from seed are just alike. Pkt., 10c. 1095 GILIA, capitata. A new annual you will enjoy getting acquainted with. Almost everlasting, White and blue mixed. Wonderful for blue cut flowers. Mixed. Pkt., 5c.

 1096 GLADIOLUS SEED. Try your luck at growing Glads from seed. Full instructions on each packet. Pkt., 10c.
 1097 GLOBE AMARANTH (Bachelor's Button). Everlasting globular blooms in shades from white to crimson. Reminds you of clover blossoms. Mixed. in shades from white to crimson. Pkt., 5c.

Ornamental Gourds

Will climb surprisingly well. Are useful, ornamental and a great curiosity. 98 Bottle. Used as a drinking cup or water jug. Pkt., bc.

1098 Bottle. Used as a drinking cup or water jug. Pkt. 1099 Dipper. The old-fashioned Missouri sort. Pkt., 5c.

1100 Hercules Club. About three feet long. Pkt., 5c.

1101 Nest Egg. Guaranteed to foo' the old hen. Pkt., 5c.

1102 Sugar Trough. Large as a pect measure, often larger. Pkt. 5c. 1103 Fancy Mixed. All kinds, shapes and sizes. Pkt., 5c. oz., 20c., Six packets for 25c.

Helichrysum (Everlastings)

The rose-shaped strawflower that is the foundation and glory of all Winter bouquets. We have the largest and most beautifully colored strain in the market. When gathering, remove the stem and substitute slender wire. It is easily grown in this climate.
1106 Canary Yellow. Pkt., 10c; 6 for 50c.
1107 Crimson. Pkt., 10c; 6 for 50c.
1108 Rose. Pkt., 10c; 6 for 50c.
1109 Fiery Red. Pkt., 10c; 6 for 50c.
1110 Golden Yellow. Pkt., 10c; 6 for 50c.
1111 Violet. Pkt., 10c; 6 for 50c.
1112 Mixed. Large pkt., 15c.

1113 HELIOTROPE. A tender purple plant with a s ly haunting perfume. Start seeds in box. Pkt., 10c. 1114 HYACINTH BEAN. Rapid growing vine. blooms and pods are very ornamental. Pkt., 5c.

1115 ICE PLANT (Mesembryanthemum). Foliage covered with icelike globules. Pkt., 5c.

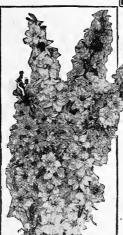
1116 JAPANESE HOP (Humulus iaponicus). Beautiful insect-proof vine with artistic seeds. This and Moonflower are our most rapid climbers. Better plant both and see which does best for you. Pkt. 5c.

1117 JOB'S TEARS. The gray seeds, shaped like a giant tear drop, are the joy of child-hood for using as beads. Pkt.,

1118 KOCHIA or ANNUAL EVERGREEN. Used with taste this is a marvelous asset to a garden for hedges single accents, or for backgrounds. Have you tried trimming it in fancy shapes, or using the individual plants in the place of dwarf evergreens? Pkt., 5c; oz., 25c.



Kochia Hedge.



Annual Delphinium.



Four O'clocks.

1119 LANTANA. Should be used more. Fine for beds or baskets, and can be carried over to bloom in Winter. Pkt., 5c.

Larkspur (Annual Delphinium)

Delphinium)

The new double annual Delphiniums are a close rival to their sister, who reigns queen of the hardy garden. They are nearly as tall, have colors of pink, rose and lavender not found in the hardy varieties, and they self-sow. Do not fail to try them. What we offer is the tall branching type.

In the Fall, pot up a few of the volunteers and carry over in the house. They will bloom beautifully in the early Spring.

2 White.

1122 White.

2 pkt., 10c; 3 for 25c.

1120 Blue, 1121 Pink,

Helichrysum.

Your choice. pkt.. 10c; 3 for 25c. 1124 LAVATERA trimestris. A dainty pink dwarf of the Hollyhock family. Pkt., 10c.

1125 LOVE-IN-A-MIST (Nigella). A flower of tender blue, half hidden by a mist of green, of tenaer Pkt., 5c.

26 LOBELIA. A marvelous shade of blue for your borders and boxes. Combines ideally with Sweet Alyssum. Pkt., 10c. 1126 LOBELIA.

Marigold

We offer the very largest and most globular form of this popular tall-growing annual. This and the Giant Zinnia are much used in civic beauty campaigns for uniform plantings of alleys and parkings. The Shenandah Garden Club furnished seeds of these to our school children this year with wonderful results. If you are putting on such a campaign, write us for special rates on quantities.

1127 Lemon Queen. Pkt., 15c. 1128 Orange Prince. Pkt., 15c.

1129 Mixed. Pkt., 10c.

1130 Dwarf Marigold Mixed. Pkt., 5c.

1131 MATRICARIA or DOUBLE FEVER-FEW. The good old standby, furnishing white flowers for cutting all Summer. Its fragrance carries memory back. Pkt., 5c.

1132 MIGNONETTE (Reseda odorata). Pkt.,

Moonflower (Ipomoea)

Only the white form, Noctiflora, is night blooming. The Heavenly Blue and Giant Pink add a Japanese touch to gardens all day long unless the sun is extremely bright. If you wish them to begin blooming early, you must start the seed indoors, as they have tropical habits. Soak seeds over night in warm water before planting.

1133 Giant White, Noctiflora. One of the largest and finest. Pkt., 10c.





Marigold, Orange Prince.



MOONFLOWER—Continued.

1134 Mammoth Fink. Very much like the big white
Moonflower, but pink in color. Pkt., 10c.

1135 Heavenly Blue. Immense flowers, in clusters: and produced in such abundance as to almost hide the foliage. Fkt., 10c.

Morning Glories

This is one of the most reliable climbers I know of It does well anywhere. The flowers are so bright and cheerful that it is a comfort to grow them. They can, with good effect, he mixed with other climbers. Plant them on every blank wall and lattice. Their cheery "Good-morning" blesses mankind. Everybody loves them.

1136 Common Mixed (Convolvulus major).
Fresh bright looking flowers, and a healthy, dark green foliage. Colors white, various shades of blue and red. Pkt., 5c. oz., 25c.

1137 Imperial Japanese Mixed. This one has a wider range of color than the common kind. Our seed is imported. Pkt., 10c; oz., 35c.

Nasturtiums

They do just as well on poor soil as an rich soil; in fact, they prefer a thin, rocky, clay soil. The climbing or trailing varieties are just the thing to cover a fence, stump or trellis. The dwarf varieties make a good border plant. All varieties are fine for cut flowers. Keep them picked.

DWARF NASTURTIUMS

1139 Dwarf or Tom Thumb. A mixture of the choicest sorts in all colors. All make a rounded, compact bush literally covered with bright flowers.

1140 Beauty. Yellow, flamed with scarlet. Pkt., 5c; oz., 25c.
1141 King of Tom Thumbs. Scarlet flowers, dark foliage. Pkt., 5c. acarlet flowers, dark foliage. Pkt., 5c. agood. Pkt., 10c.
1143 Vesuvius. Salmon-rose. Pkt., 10c.

1144 Ruby King. Dark foliage, deep red flowers. Pkt., 10c. 1145 Spotted King. Dark foliage, spotted flowers. Pkt., 5c.

1930 Special Offer. One packet each of the above six varieties and one Tom Thumb, all for 35c.

TALL OR CLIMBING NASTURTIUMS

TALL OR CLIMBING NASTURTIUMS

This strain climbs well and is suitable for a trellis or any situation not requiring a tall climber.

1150 Juniter. Golden yellow; large flowered. Pkt., 5c., 1151 Gold Garnet. Orange-yellow, spotted garnet. Pkt., 10c., 1152 Pearl or Moonlight. Amber white. Pkt., 10c., 1153 Schulzi. Scarlet; dark leaved. Pkt., 5c., 1154 Salmon Queen. Salmon-rose. Pkt., 10c., 1155 California Giants. A mixture of the tall growing sorts. Pkt., 5c; oz., 25c.

1931 Special Offer. One packet each of the above, including the mixed, for 35c.

State College at Ames, Iowa, recommends this strain for sunny window boxes. Do not grow as tall as the climbing. Are covered with brilliant flowers. Pkt., 10c.

1159 NICOTIANA. Queen of night bloomers. Densely fragrant. Pkt., 10c.

Pansies

No other flower seems so human as the Pansies. Children kiss their faces, sick people love to hold them. The more you pick them the better they thrive. They do best in soil that is rich with fertilizer and contains plenty of leaf mold to hold the moisture. There are two times of the year to sow the seed. First, in August or early Sentember, to get strong, sturdy young plants to live over Winter. Second, in February in the house or hotbeds to get plants for late Summer blooms.

1160 Mile High Mixture. These are the great big fellows with the mountain vigor still in their blood.

20c; 3/2 oz., \$1.25.

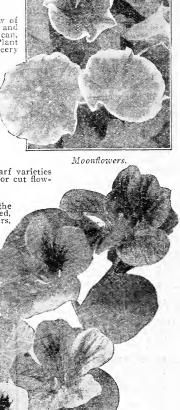
1161 Seed House Mixture. We are often asked what seed we use for the wonderful Pansy borders which surround our seed house plantings, and give a mass of bloom from April to December, with every visitor at liberty to pick as many as he pleases. This is a special mixture made up by ourselves, and, while individual blooms are not so large, the plants stool out thickly and stand cutting back, and you will find no more satisfactory bedding mixture on the market. Pkt., 10c; Our landscape department insists that we give you the separate colors so that you may work out color schemes in your garden. Plant in frame or vegetable garden, and move into permanent places as desired.

1162 Golden Yellow. 1163 King of the Blacks. 1164 Snow Oueen. 1165 Azure Blue.

Your choice of any named variety, pkt., 10c; 3 for 25c.

1928 Special Offer. One packet each of above seven varieties, for 50c.

Mile High Pansies.





1166 Bronze and Henna Shades. 1167 Cardinal Red. 1168 Feacock Margined.





Pansy Plants

I ANSY FIANTS

If you did not get Pansies planted last Fall, send us an order now to be filled in April or May for some of our big, vigorous, "Wintered Over" plants. They will be covered with buds just ready to burst and will give the children blooms for May baskets and Mother's Day. If placed on grave, will be in full bloom Memorial Day. They transplant easily. Give sunny position for Spring bloom. Plants 75c per doz.; 3 doz., \$2.00, postpaid. Safe delivery guaranteed.

NOTE TO FATHER. Why not file an order now for a dozen for Mother's Day.

Petunias

We offer only the choice new varieties, for no one likes the common Petunia. Fine for massing in beds or along walks or driveways. Will re-seed themselves from year to year. All of them make good window box and house plants. For bedding use these dwarf and profuse bloomers.

1174 Rosy Morn. 74 Rosy Morn. Apple blossom pink with white throat. Pkt., 15c. 75 General Dodds. 1175 General Blazing crimson.

1176

1177 Snowball. Pure white. Pkt., 5c.
1178 Howard's Star. Velvety purple with a white star in center. Pkt., 10c.
1179 Lord Courtenay. Brilliant rose with a yellow throat. Pkt., 10c.

1180 Hybrid Mixed. The best mixture we have ever sold. Pkt., 10c.
Then the Balcony Type. They are profuse blooming trailers with large flowers vividly colored. Use for porch and window boxes.
1186 Balcony Blue. Pkt., 15c.
1187 Balcony Mixed., Pkt., 15c.
1190 Giants of California. Flowers of enormous size, beautifully ruffled and fringed edges, covering every known shade in Petunias. Make splendid pot plants. Plant the seed carefully, as it is very small. Pkt., 25c.

1927 Special Offer. One packet each of the above six varieties, for 45c.

Hybrid Mixed Petunias.

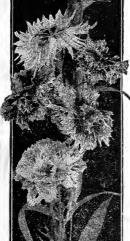


Phlox Drummondi.

208 SALPIGLOS-SIS (Velvet Trum-pet). As easy to raise as Petunias. Flowers of deep pur-ple and henna, over-laid with gold lace, Mixed. Pkt., 10c. 1208



Salviglossis.



Pinks.

Pinks Of course, you want "Pinks." They bloom steadily all Summer and usually live over.

1191 Double and Single Mixed. Pkt., 5c. 1192 Fireball. Pkt. 10c. 1193 Snowball. Pkt.. 10c. 1194 PHLOX DRUMMONDI GRANDIFLORA. They begin blooming early and increase in number as they grow. Their broad, flat tops clustered in contrasting colors make them very desirable for bedding. Low grow-ing. Young plants brought in will bloom in the house in Winter. Mixed colors, Pkt., 10c.

PORTULACA or ROSE
MOSS. Champion hotweather bloomer. Try
it between your ribbon
drives, and you must
have it for your rock
garden garden.
1195 Double Mixed. Pkt.
1196 Single Mixed. Pkt.

Pkt., 5c. 10c.



Poppies Will grow and bloom in any kind of soil and in any kind of weather. The colors are so brilliant and showy that they attract more attention than anything on the place. Even in the heat of July, when nothing else wants to bloom, the Poppies are on hand fresh and beautiful.

1197 Double Peony-Plowored. Tall with immense double heads. Pkt. 5c.
1198 Carnation - Plowered.

Like a carnation. Pkt., 5c.
1199 American Legion. The kind the soldiers love. Large, single scarlet. Pkt., 10c.

1199 American Legion. The kind the soldiers love. Large, single scarlet. Pkt., 10c.
1200 Glaucum. An absolutely new type; blooms shaped like a giant red Tulip. Pkt., 10c. 1201 Rose Pink. A color much prized in any garden. Pkt., 10c. 1202 Shirley. Petals like crinkled China silk. Pkt., 10c.

1929 Special Offer. One packet each of above six varieties, for 40c.

1203 Finest Mixed. Some of each kind. Double and single, tall and dwarf, and all colors. You can't beat it. Pkt., 10c.



Portulaça.



Scabiosa or Mourning Bride

This old-time annual, which is once more decidedly in favor, is here offered in separate colors to aid you in arranging your garden. Wonderful cut flowers, not so commonly used as some.

1209 Black.
1210 White.
1212 Rose.

Your choice, 5c per packet. 1213 Mixed. Pkt., 10c.

1214 SALVIA or SCARLET SAGE. Plant liberal quantities in boxes, for you will want them to edge Canna beds, to set in front of foundation shrubs, and to slip into bare places in your perennial borders in late Summer. A great favorite with the men and boys. No Autumn garden is complete without its blazing glory. Pkt., 10c; oz., 50c.

PRI., 10c: 02., 50c

THUS. The daintiest of annuals. A very few weeks after sowing the plant is a mass of bright little blossoms. blotched



Have you tried the newer types of Sweet
Peas? The flowers are more open, have longer
stems, produce more flowers and for a longer
period of time. They are of enormous size and have a much wider range of color.
Both standards and wings waved and frilled. The word "standards" refers to the top
petals and "wings" to the lower ones. All Peas like cool weather and moisture,
especially at the roots. Plant early in a deep trench with leaf mold or other humus
to hold the moisture. As the plants grow, fill the trench with the same type of soil.
There is no question that inoculating culture improves the bloom and size of plants
of your Sweet Peas. A 20c box is enough for ordinary plantings.

1220 Austin Frederick Improved. This is a large, pure lavender, Pkt., 10c. 1221 Crimson King. A distinctly new shade of crimson. Very bright, Pkt., 10c. 1222 Doreen. A large carmine. Very distinctive. Pkt., 10c.

1222 Doreen. A large carmine. very distinctive. Fkt., 19c.
1223 Hebe. Giant rosy pink. Pkt., 10c.
1224 King White. A giant white. Pkt., 10c.
1225 Mrs. Tom Jones. Deep amethyst-blue. The best of the deep blues, Pkt., 10c.
1226 Picture. Large, cream pink suffused with appricot. Pkt., 10c.
1227 Royal Purple. A rich velvety purple. Pkt., 10c.
1228 Campfire. More brilliant and
brighter than any other scarlet. Pkt., 10c.

10c.
229 Youth. White, edged with a delicate soft rose-pink. This was awarded first prize at the Glasgow exhibition.

1939 Special Offer. One packet each of the above ten varieties, for 75c.



Spencer Type Sweet Pea.

1230 The Spencer Mixture. A mixture of the very finest types for those who have limited space. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.

1231 Grandifora Mixture. The good old standards that we have furnished you for years. Pkt., 5c; oz., 20c; 14



Why spend \$5.00 for plants for your window box or porch when for 50c you can get seeds that will grow enough plants for a dozen boxes. Start in the house in February and transplant to flats in March. Since no two varieties germinate alike, start each kind separate and transplant later to the window box,

TORENIA PETUNIA SWEET ALYSSUM LOBELIA AGERATUM

NASTURTIUM, Lobbianum VERBENAS DUSTY MILLER ICE PLANT LANTANA



Spencer

Mixture.

SWEET PEAS-Continued.

Sweet Pea Novelties

Something different for those who are seeking something absolutely new for their gardens

this year.

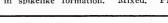
1232 Mary Pickford. This blossom especially suggests "America's Sweetheart" by copying the pink of her cheeks and a touch of the gold of her hair, and wearing the dainty ruffles of her party gowns. Your friends will respond to it with the same eagerness they respond to the smiles of their screen lavorite. The very best of the new varieties. Pkt. 20c; 3 for 50c. 1233 Miss California. Orange and salmon-pink are rare colors for Sweet Peas; eagerly sought. This variety carries them. We have named it for the "Golden State." A vigorous variety with three or four blooms to the stem. A special prize winner at the British National Show. Pkt., 15c; 2 for 25c. 12024 Pline Plind. A true blue; heartifully waved and frilled. This will

1234 Blue Bird. A true blue; beautifully waved and frilled. This will make exquisite bouquets for your blue dining room or bedroom. Like the other new varieties, it is the lustiest kind of a grower, with long stems that you like to pick. Pkt., 15c; 2 for 25c.

1240 SWEET SULTAN (Centaurea imperialis). Soft shades of lavender, purple and rose, in artistic thistle-shaped blooms; about as large as Asters, A charming flower. Easy to grow. Plant when you do your lettuce and the blooms will be ready to pick when cherries are ripe. Pkt. 5c.

41 TORENIA. A marvelous little annual with purple pansy-like flowers. It loves shade, and heat, and moisture, and so is a great find for the fernery or north window boxes. Around the pool at the seed house it attracted constant comment and inquiry. Start seeds in boxes and transplant after middle of May. Pkt., 15c. 1241 TORENIA.

1242 TEN WEEKS STOCKS. This is a favorite bedding plant, with its densely, fragrant flowers like dainty rosettes in spikelike formation. Mixed. Pkt., 5c.



WATCH-EM-GROW

A good fertilizer is a great help in keeping your flowering plants thrifty and healthy, and this you must do if you are to grow beautiful flowers. The cost is very little. You can make three or four hundred applications for an ordinary potted plant from one 50c can of the fertilizer and it goes a long ways for plants growing outdoors. It is also fine for the lawn or window or porch boxes, Price, 50c per can.



Verbenas

These are the magic weavers that mingle their glorious colors into Oriental rugs of bloom in your garden. Do not forget them this year. They are often used for undergrowth for Lilies. 1243 Purplish Dark Blue. Pkt., 10c.

1244 Lucifer. Scarlet. Pkt., 10c. 1245 Pink. Pkt., 10c.

1246 White. Pkt., 10c. 1247 Mixed. Pkt., 15c.

werbena Hybrida Grandiflora or Mammoth Verbenas. My sister, Jessie Field Shambaugh, asked me to list this special strain. The individual flowerets measure an inch and over.

1248 Rosea. A pure pink with large white eye. Pkt., 15c.
1249 Blue. White eye. Pkt., 15c. 1250 Mayflower. Pink. Pkt., 15c.



No flower has been more improved of late ars than the Zinnia. The variety used now looks more like a Dahlia or a Chrysanthe-mum. Since they may be moved even when in bloom, it is desirable to plant a package of each color in your vegetable garden, and during the Summer lift them and place them wherever needed in bare spots in your perennial gardens.

1252 Canary Yellow 1253 Crimson. 1254 Scarlet. 1255 Lavender.

1256 Orange. 1257 Purple. 1258 Salmon Rose. 1259 White.

Any of the above, Pkt., 10c.



Stocks.

California Giant Zinnias.

1940 Special Offer. One packet each of above 8 varieties, for 50c.

1260 Mixed. All colors. Pkt., 15c.
1261 Exquisite. The most beautiful of the new Zinnias. Of immense size and blending from deep Tyrian rose in center to light rose at the edge. Raise this for your flower show. The seed is scarce. Pkt., 25c.

1262 Scarlet Gem. The dwarf variety. Is eight inches high and a mass of small red blooms for a bed or border. Recommended for red, white and blue plantings with Snowball Petunias and blue Perfection Ageratum.

1239 SWEET ENGLISH VIOLET. Pkt., 10c.



Seeds of Perennial **Flowers**

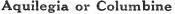
You will, of course, get a few dozen plants to start your perennial garden, so that you will have bloom the first year, but meanwhile, you will want to plant perennial seeds this Spring so that you may have plants by the hundreds next year for massing. Ten cents worth of seed can be made to grow \$10.00 worth of perennial plants, if you put skill into your fingers. We do not have space to write long descriptions of the following list, but these are the perennials which have stood the test in the Corn Belt, and if you think some are missing that should be here, you would probably find they would require more care than we can give them here. You would have bad luck with them.

A great many perennial flowers can be successfully raised from seed sown in the early Spring, or in August. Some of them will not bloom until the second year after planting, but how the first year. We will not repeat a full description of these plants, as you can find it by turning to the Nursery Department, where the plants are listed in blooming size.

1270 ALYSSUM saxatile. A popular rock garden plant with gray leaves and yellow flowers

1270 ALYSSUM saxatile. A popular rock garden plant with gray leaves and yellow flowers in early April. Pkt., 5c.

1271 ANCHUSA. A large-growing blue flower for the background, sometimes called "Giant Forget-me-not." Pkt., 5c.
1272 ANTHEMIS or YELLOW SHASTA. An easily grown perennial with fernlike foliage and yellow, daisy-like flowers. Pkt., 10c.





1273 Chrysantha. Blooms almost all Summer. Yellow. Pkt., 10c.

1274 Mrs. Scott Elliott's Hybrids. An unusually good strain of this popular perennial. Very large, long-spurred flowers, and a wide range of color. Pkt., 10c.



Coreopsis.

Digitalis.

1275 Mixed Varieties. Seed of our own saving from all varieties. Pkt.,

1276 BABY'S BREATH
or GYPSOPHILA.
The fine cut, white
blossoms are beautiful
while fresh, or when
dried as everlastings
are indispensable in
Winter bouquets, Pkt.,

1278 CAMPANULA (Canterbury Bells). The well known "Cup and Saucer" plant. Pink. blue and laven-trge as a teacup. Mixed der bells, half as large as a teacup. colors. Pkt., 5c.

colors, Pkt., 5c.

1279 CERASTIUM tomentosum (Snow-in-Summer). This is a rock garden plant which gives an effect of whiteness, either by its gray foliage or by its masses of small white flowers. Pkt., 10c.

80 CHEIRAN-THUS Allioni (Yellow Wallflower). Gives a mass of or-ange blossoms for your rock garden in the early Spring. the early Spring, Very pretty, Pkt., 5c.



Gypsophila.







Delphinium-

1281 CHINESE
LANTERN
PLANT (Physalis). Of the Ground
Cherry family. The
large, orange-red
pods are ornamental in Winter bouquets. Easily
grown, Pkt., 10c.
1282 COREOPSTS

Aquilegia.

1282 COREOPSIS Delphinium—Hardy Larkspur. low daisy-shaped flower. This plant, with Gaillardia, are the two perennials that best stand hot, sunny locations, Pkt., 10c.

10c. These are the

1283 CLOVE PINKS.
Pinks with grav Pinks with gray, grasslike foliage, and a soft spicy fragrance that are so useful as borders, or as subjects for the rock garden. Mixed colors Pkt 10c garden. Mixed colors. Pkt., 10c.

colors. Pkt., 10c.

1284 MAIDEN
PINKS OF
DIANTHUS
DELTOIDES. A bright little mosslike pink
that blooms in the rock garden in June and
July. Mixed colors. Pkt., 10c.

DAISIES. SHASTA, White. The well known
large-flowering white Daisy, which was introduced from California. Pkt., 10c.

1272 DAISIES, SHASTA, Yellow. (See
Anthemis).



Shasta Daisies.

Flower Garden Mixture

No. 1265

A big packet of annual flower seed containing varieties specially suited for cut flowers. These will be the long-stemmed varieties and many types; a gorgeous riot of color, selected to bloom over a long season. Pkt., 10c.

A Conglomeration for the Children's Garden Free With Your Order

Of course, grown-up people can plant it, too. if they want to, and if there are no children around that want it; but it is specially for children. Every child just naturally wants to dig in the dirt and have a garden. And they want a little of everything in the garden. It would take a hundred packets of seed to supply everything a boy and girl would like to plant. So we have rolled the hundred packets into one. That is, we have taken over a hundred different kinds of seeds and made one big mix of it all that will just suit the kids. They can plant it mixed that way or sort out each kind by itself. There's enough seed here to make a wagon load of garden stuff and a whole garden of flowers. I really believe a bright boy can grow \$5.00 worth of garden stuff from it.

SEEDS OF PERENNIAL FLOWERS-Continued.

Delphinium

These are the beautiful hardy Larkspurs. They come in wonderful shades of blue and lavender, and the spikes sometimes stand higher than your head. You will wish to try a few of each variety.

1287 Belladonna. Probably the universal favorite because of its exquisite pale blue color. Pkt., 10c.

1288 Bellamosum. Just like Belladonna except the is a dark, deep blue, with a white center. Pkt., 10c.

1289 English Hybrids. This is the type that grows the tallest and blossoms are stiffly arranged along the spikes instead of being in loose sprays like Belladonna. Pkt., 15c.

1290 Blue Butterfly. This and the White Butterfly types are more low-growing but they bloom more constantly throughout the Summer, and the blue ones have a shade not found in any of the taller varieties. Much used for Summer bedding in connection with the new pink hardy Phlox. Pkt., 10c.

1291 White Butterfly .: See the description above. Pkt.,



Hibiscus.

1294 DIGITALIS or FOX-GLOVE. A well known hardy perennial for semi-shade. The spikes of bloom are sometimes four foot tall and times four shade. The spikes of the bloom are sometimes four feet tall, and the individual tubular flowers are about three inches long. Mixed colors, Pkt., 5c.

1995 ERYNGIUM. (Sea Holly). A plant much prized because of the wonderful shade of blue of its burrs and stems in the late Summer. Used in Winter bouquets. Pick as soon as it colors up, and dry in the shade. Pkt., 5c.

FORGET-ME-NOT 196 FORGET ME NUL (Myosotis). Cultural habits the same as Pansies. You will need them for your rock gardens and water gardens. Pkt., 10c.

water gardens, Pkt., 10c.

10c

Very useful as a cut flower, as it blooms all summer. Pkt., 5c.

1298 HARDY FIAX (Linum). This is a dainty little plant with fine cut, gray foliage, and blue blossoms about half an inch across, which cover the plant every morning and drop off in the afternoon only to be renewed the next morning. Easily grown and a treasure. Pkt., 5c.

1299 HIBISCUS (Mallow Marvel). This is popular for backgrounds or foundation plantings. Has immense white, pink or red hollyhock-shaped blossoms. Mixed colors. Pkt., 5c.

HOLLYHOCKS. Tall, stately old favorite; given plenty of room will make a wonderful showing during July. A splendid background for a flower garden and shows up well along the fence or grouped beside the house. 1300 Double Mixed. Pkt., 10c.

1301 Single Mixed. Pkt., 5c.

1302 Allegheny. A wonderful fringed.





the rock garden. White flowers at Decoration Day time. Pkt., 10c.

1304 LATHYRUS or PERENNIAL SWEET PEA. A sturdy and rapid growing vine, which is covered all through the late Summer with masses of Sweet Peashaped flowers in white, pink or rose. Mixed colors. Pkt., 10c. shaped flo Pkt., 10c.

1305 LUNARIA (Honesty). This plant has peculiar seed pods like great transparent dollars. Use in Winter bouquets. Pkt., 10c.

bouquets. Pkt., 10c.

1306 LUPINES. Tall spikes of pea-shaped blossoms in pink, lavender and blue. Pkt., 5c.

1307 LYCHNIS chalcedonica (Scarlet Lightning). A brilliant red blossom, standing about three feet tall. Will stand some shade. Pkt., 10c.

1308 ORIENTAL POPPY. This is the large perennia Poppy with the blossoms at least six inches across. It is very easily grown from seed planted in the early Spring, or after the first of September in the Fall. Transplant them only during August and early September when dormant. Pkt., 10c.

PLATYCODON (Chinese Bell-flower). The very best blue flower for the July and August garden. Blooms at a time when other flowers are scarce. The white form is exactly like the blue and is much needed to brighten the garden.

1309 Blue. Pkt., 10c.

1310 White. Pkt., 10c.

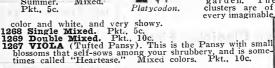
1310 White, Pkt., 10c.

1311 PYRETHRUM roseum
(Painted Daisy). One of the
newer perennials, but already so
popular that some growers are,
making a specialty of it. The
blossom is daisy-shaped and comes
in all the colors of pink, white
and rose. It is always in bloom
at Decoration Day, and combines
beautifully with Peonies, as it is
the same shade. You can't have too
many, Mixed colors. Pkt., 10c.

1312 STATICE latifolia. Sometimes
called "Lavender Baby's Breath." This
is another very useful everlasting flower
for Winter bouquets, and is also beautiful
in the hardy border. Pkt., 10c.

SWEET WILLIAM. Should be in every
garden. The

garden. clusters are The e of





Oriental Poppies.

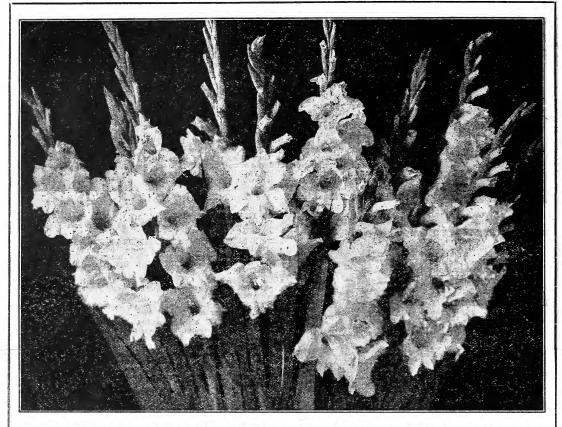
Indispensable Annuals for the Rock Garden

If you haven't built a rock garden yet, you will this year. This delightful fad is contagious. While you will wish to have it in hardy plants, eventually, you will need a good assortment of little annuals to fill in with the first year or two. Raise these in boxes, or in a frame in the garden and place in the rock garden as needed:

AGERATUM
VERBENA
VIOLAS
TORENIA
ICE PLANT
At retail this collection would be \$1.50. We will sell the whole thing for \$1.00.



Pyrethrum



Gladiolus Bulbs Enough for Everyone

We are growing over forty acres of Glads this year, which is twice as large a crop as we have ever grown before. You can guess how many bulbs we will harvest with the rows eighteen inches apart and the small bulbs close in the row and the large bulbs three, four or five inches apart in the row.

Buy Named Varieties

We will be glad to sell you the mixtures, but frankly, you will get more satisfaction from named varieties, and they cost very little more. One thing we have noticed is that folks start out by buying mixtures but later buy the named sorts. Buy them by the dozens and hundreds, and save the bulblets to produce your own bulbs another season. Buy a good assortment of varieties so that you may have all colors. The satisfaction you will get will be worth all they cost you.

Virgin Bulbs

By "virgin bulbs" we mean a bulb grown from bulb-lets or small bulbs. They have more vigor and will pro-duce a larger bloom spike than bulbs grown from large bulbs. We used the bulblets and small bulbs almost alto-gether last Spring in our planting and our crop of bulbs is full of vitality.

Visitors See Our Gladiolus Field

We sent Dick Oline, our bulb man, over on the
Missouri bottom, where there is plenty of good sandy soil
to grow our bulbs this year. Sandy soil is just the soil
to produce nice clean bulbs. He has superintended the
growing of the finest crop of bulbs we ever saw.

Thousands of visitors drove over this field last Summer, while they were in bloom, and admired these wonderful flowers. If you were one of those visitors, you will
not forget the Anna Eberius. This was the beautiful
purple variety you saw down across the field as you drove
up on the bridge at the north end. It seemed to be a
general favorite. Other popular ones were Le Marechai
Foch, E. J. Shaylor, Mona Lisa, Rose Glory, Mrs. Frank
Pendleton and Red Bird, Really they were all favorites
and it is very hard to pick out the most popular,

Named Varieties 35c Dozen

That is about 30 per cent below prices you will find in our last year's catalog. We have never before sold Glad bulbs as low, for big bulbs, and I doubt whether anyone else has. We grew them cheaper than we ever did before, so are selling them cheaper.

Some Good Mixtures

Field's Finest Mixed. Besides the named varieties, which I keep separate, I grow thousands of bulbs in mixtures. Many people prefer them this way; they are of endless variety of form and color, hardly any two being alike. They range from dark red to yellow and pure white, every imaginable color.

yellow and pure white, every imaginatic color, 1401 12 Field's Finest Mixed. Large bulbs, 35c. 1967 100 Field's Finest Mixed. Small bulbs, \$1.00. 1968 100 Field's Finest Mixed. Large bulbs, \$2.00. 1970 1000 Field's Finest Mixed. Bulblets, \$1.00. 1959 50 Field's Finest Mixed. Large bulbs, \$1.00.

404 Primulinus Hybrids Mixed. These are hybrids of the new Primulinus wild yellow Gladiolus with the regular varieties, and are a wonderfully beautiful group. Very vigorous and graceful, free blooming, hardy and prolific. Mostly yellow, but some fine pinks, reds and lavenders. 35c per doz.; \$1.00 per 40; \$2.85 per 100. 1404 Primulinus Hybrids Mixed.

1405 Goodrich Mixed. These are the mixed seed-lings from which Mr. Goodrich selected his Fair-Jawn Hybrids. They are an extra fine mixture covering every possible color, with no poor sorts at all. 90c per doz.: 6 for 50c.

-Bulblet Collection

200 for 25c; 1000 for \$1.00.

These are the little wee fellows, about as large as a pea, from which we grow the blooming size bulbs to sell a year from now. Some few of them will bloom this year, but all will bloom next year. These are from our best mixture. Most growers refuse to sell these bulblets, but I have decided to offer a limited amount of them at 200 for 25c; or \$1.00 per 1000, postpaid, I will send out with each package full directions for growing them blooming size.

The Best Named Varieties of Gladioli

The prices are for blooming sized bulbs, one inch and up in diameter, and are all postpaid. Fifty bulbs will be furnished at the hundred rate.

We can furnish bulblets only on varieties where they are priced, bulblets at eight times the 100 rate. 1000 Gladiolus

1430 Alice Tiplady. A deep orange-safiron shading to buff in throat. Throat striped with russet-orange. This is one of Kunderd's Primulinus varieties. Very prolific. Classed as the best orange. 50c per doz.; \$3.75 per 100. Bulblets, 65c per 100.

1467 Al Shira. Wine-red. \$1.00 per doz.; \$6.50 per 100.

1420 America. Soft rose-pink, throat marked with Tyrian rose. This is an old favorite. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

72 American Beauty. A Beauty rose with cream-yellow 25c each; \$2.50 per doz. 1672 American American

Anna Eberius. A dark velvety purple, throat a deeper shade. A very striking color and well liked by all. who have seen it. Prolific and a strong grower. 35c per doz.; \$2.85 per 100.

1469 Anthony B. Kunderd. A delicate cream color cream flushed pink at edges. Intensely ruffled. One of the most beautiful and delicately tinted Gladioli I ever saw. 3 bulbs for 45c; \$1.50 per doz.

1522 Arlon. Primulinus. Light salmon and red throat. 35c per doz.; \$2.85 per 100.

1523 Arden. December 100.

1523 Arden

23 Arden. Deep watermelon-red Prim ulinus. 50c per doz.; \$3.75 per 100. 31 Autumn Queen. Creamy pink with bright red blotch on lower petal. 50c per doz.; \$3.75 per 100. Bulblets, 65c per 100 100

1464 A. W. Hunt. A big bright carminered. A very striking color. Unusually large, Flowers wide open. 3 for 45c; \$1.50 per doz. Bulblets, \$1.50 per 100.

1407 Brilliant. An early dazzling bright red. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

1470 Butterboy. A pure yellow Primulinus. Flowers nicely spaced on spike. Tall, strong plant and large bulb. 25c each; \$2.50 per doz. Bulblets, \$2.00 per 100.

1533 Butterfly. A salmon-yellow Primulinus. 35c per doz.; \$2.85 per 100.

1472 Byron L. Smith. Lavender-pink on white ground. One of the new varieties. Yeary dainty. \$1.00 per doz.; \$6.50 per

1569 Carmen Sylva. Pure snowy white with slightly illac penciled throat. Straight, well formed spike. 75c per doz.; \$4.90 per 100. Bulblets, 75c per 100.

1461 Crackerjack. A velvety dark red with yellowish throat. A popular variety; very prolific. 35c per doz.; \$2.85 per 100. Bulblets. 50c per 100.

1408 Crimson Glow. A wonderful big, glistening, deep red. A real crimson and a splendid type of flower. It is hard to choose between it and Red Emperor. \$1.00 per doz.; \$6.50 per 100. Bulblets, \$1.00 per 100.

1454 Decatur. Beautifully striped with scarlet on a pure white background. This is one of my favorites. 75c each.

1475 Dorothy McKibben. Pink. 75c per doz.; \$4,90 per 100.

1457 Dream. Primulinus. Deep salmon-red. 50c per doz.; \$3.75 per 100.

1478 Dr. F. E. Bennett. Deep peach-red overlaid with flame-scarlet. Lip lightly fleeked with ruby and white. Flowers very large and many opening at one time. 50c each.

1421 E. J. Shaylor. A pure deep rose-pink, beautifully ruffled. Probably the best pink in existence. 50c per doz.; \$3.75 per 100. Bulblets, 65c per 100.

1476 Elizabeth Tabor. Light pink on white ground with dark red blotch on lower petal. Early. 25c each; \$2.50

438 Elora. White with cream throat. Very early. 50c per doz.; \$3.75 per 100. Bulblets, 65c per 100. 1438 Elora.

1479 Elsie. A very pretty pink, shading to cream in throat. \$1.00 per doz.; \$6.50 per 100. Bulblets, \$1.00 per 100.

1477 Europe. One of the best in a pure white. 75c per doz.; \$4.90 per 100. Bulblets, 75c per 100.

1422 Evelyn Kirtland. Beautiful pink with scarlet blotch in throat. 35c per doz.: \$2.85 per 100. Bulblets, 50c per 100.

1456 Fairlawn Red. Queer blending of lilac, lavender, crimson and purple. 3 for 45c; \$1.50 per doz.

1460 Fairlawn Yellow. The best clear vellow in an early variety. No markings to detract from its beauty. Flowers well placed on straight spike. 3 for 45c; \$1.50 per doz.

80 Fawn. Bronzy pink Primulinus. 50c per doz.; \$3.75 per 100. 1580 Fawn.

1481 Floral Treasure. Pink. 35c per doz.; \$2.85 per 100.

doz.; \$2.85 per 100.

1527 Frank J. Symmes. Heavily Rose ruffled deep pink with lower petals Glory. shading into flame color. Small spots of silver near throat. \$1.00 per doz.; \$6.50 per 100.

1536 Frolic. A bright pink shading lighter in throat. \$35c per doz.; \$2.85 per 100.

1483 Giant Nymph. Delicate salmon-pink slightly rose flaked and blotched with violet markings. A giant flower and one of the best new varieties. 35 ceach; 3 for 90c.

1484 Gold Drop. Yellow Primulinus. 35c per doz.; \$2.85 per 100.

per doz.; \$2.50 per 100.

1482 Golden Measure. Golden yellow.
Tall, strong growing plant. Flowers closely placed on spike. \$1.00 per doz.; \$6.50 per 100. Bulblets, \$1.00 per 100.

1538 Goliath. A large purple. \$1.00 per doz.; \$6.50 per 100.

1410 Gretchen Zang. Pink blending into scarlet on lower petals. A big, strong spike. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

1424 Halley. Delicate salmon-pink. Large and very early. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

141 Helen Franklin. A ruffled white variety with violet-purple penciling on lower petals. \$1.00 per doz.: \$6.50 per 100. Bulblets. \$1.00 per 100. 1441 Helen Franklin.

1486 Henry Ford. Clear dark purple shading into deeper tones near the center. A large bloom, many open at once. Stock still very scarce. 50c each; 3 for \$1.25.

1423 Herada. Deep lilac-mauve, glistening and clear. A very rare and attractive color. 35c per doz., \$2.85 per 100. Bulblets, 50c per 100.

1489 Independence. A tall, strong growing red. 35c per doz.; \$2.85 per 100.

1412 Jessie. Beautiful dark red; early. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

1411 Joe Coleman. Tall, vigorous spikes. R. shading darker toward outer edges. Many open at once. \$1.00 per doz.; \$6.50 per 100.

1425 Le Marechal Foch. Bright rose-pink, wide open flowers. Probably the most popular new variety, and sold at a very low price. Very prolific. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

1490 Lena Gratz. Large, pure white, with strong, erect spike. \$1.00 per doz.; \$6.50 per 100.

1444 Lily White. As a rule spotless snowy white but occasionally showing lavender markings. 75c per doz.; \$4.90

1692 Louise. A fine large lavender. \$1.00 per doz.; \$6.50 per 100.

1553 Maiden Blush. Primulinus. Flesh pink, lightly flaked with old rose, throat deep pink. Very dainty and fine. 75c per doz.; \$4.90 per 100.

1498 Marshal Foch. A bright mammoth pink with wide open flowers and slightly ruffled. Very large. 3 for 45c; \$1.50 per doz. Buiblets, \$1.50 per 100,

1426 Mary Fennell. A deep lilac shading paler with soft primrose-yellow throat. 35c per doz.; \$2.85 per 100. E. J. Shaylor. Bulblets, 50c per 100.





Le Marechal Foch.



THE BEST NAMED VARIETIES OF GLADIOLI-Continued.

1446 Mary Pickford. Named for "America's Sweetheart." Soft creamy white with throat faint lemon-yellow. Many flowers open at once. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

1491 Ming Toy. Showy deep buff yellow threat Tall plant; large flower. 3 for 45c; \$1.50 per doz.

1499 Mona Lisa. A pale soft rose-pink or blushed white: large, ruffled. Many open at once. \$1.00 per doz.; \$6.50 per 100. Bub-lets, \$1.00 per 100.

1465 Mrs. Alice Goodrich. Large. lily-white flowers. 3 for 45c; lily-white flow \$1.50 per doz.

1413 Mrs. Francis King. Light scarlet deep markings; long spike. 35c per doz. \$2.85 per 100. Bulb-lets, 50c per 100.

large rosy pink with red blotch in throat. Long spike with many flowers. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

100. Orange Glory. Glory type. Orange with lighter throat. Rich and striking color. \$1.00 per doz.; \$6.50 per 100. Bulblets, \$1.00 per 100. 1502

1428 Panama. Deep pink. 50c per d \$3.75 per 100. Bulblets, 65c per 100.

1697 Fink Wonder. A delicate pink. Large, wide open flower. 3 for 45c; \$1.50 per de open flower.

1636 Ramona. Yellow Primulinus. 50c per doz.; \$3.75

1462 Red Bird. A fine, big, wide open, bright red. Many blooms open at one time. 75c per doz.; \$4.90 per 100. Bulblets, 75c per 100.

1416 Red Canna. A dark rich red. Spike tall and straight. 75c per doz.; \$4.90 per 100. Bulblets, 75c per 100.

1511 Red Cloud. Bright red with white bar on three lower petals. 50c per doz.; \$3.50 per 100.

1639 Remembrance. Dec salmon-rose-pink. Ruffled. 75c per doz.; \$4.90 per 100. Bulblets, 75c per 100.

1513 Romance. Large orange-sal-

75c per 100.

1513 Romance. Large orange-salmon-rose with red and yellow
throat. 75c per doz.; \$4.90 per

1510 1910 Rose. A bright rosepink with narrow central lines on
lower petals. 35c per doz.; \$2.85
per 100. Bulblets, 50c per 100.
1524 Rose Glory. One of the finest of the ruffled varieties. A
pure rose-pink deeper in throat.
One of Kunderd's best. \$1.00
per doz.; \$6.50 per 100. Bulblets, \$1.00 per 100.
1646 Salmon Beauty
mon

s. \$1.00 per 100.

Salmon Beauty. Deep salon with salmon-yellow throat.

35c per doz.;

\$2.85 per 100.

\$2.85 per 100. Herada.

1687 Salmon Buff. Salmon-buff Primulinus. with yellow throat. 35c per doz.; \$2.85 per 100.

1515 Scarlet Glory. Bright orange-red; finely ruffled. Probably the best ruffled bright red. \$1.00 per doz.; \$6.50 per 100.

Bulblets, \$1.00 per 100.

1436 Schwaben. A soft fluffy cream-yellow. Many flowers open at once. Shows aster-purple on lower peral. 50c per doz.; \$3.75 per 100.

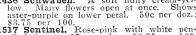
1517 Sentinel. Rose-pink with white penciled throat. 35c per doz.; \$2.85 per 100.

Bulblets, 50c per 100.

1447 Snowbank. Almost pure white. One of the old favorites. 35c per doz.; \$2.85 per 100.

1514 Sonvenir. Large, deep golden yellow Primulinus. \$1.00 per doz.; \$6.50 per 100.

15155 Sweet Ora. Primulinus. Pale sul-



1555 Sweet Ora. Primulinus. Pale sulphur. Rich pink line in throat. 35c per doz.; \$2.85 per 100. Bulblets, 50c per 100.

doz.; \$2.85 per 100. Bulblets, 50c per 100.

1518 Twilight. Blushed creamy buff with throat of vellow and pink. Ruffled. 3 for 45c; \$1,50 per doz.

1526 Ulrica. Salmon Primulinus, \$1.00 per doz.; \$6.50 per 100.

1658 Vesta Tilley. A white with bright crimson blotch in throat. \$1.00 per doz.; \$6.50 per 100.

1520 Violet Glory. A very striking flower. Deep violet all over and ruffled. \$1.00 per doz.; \$6.50 per 100. Bulblets, \$1.00 per doz.; \$6.50 per 100. Bulblets, \$1.00 per doz.; \$6.50 per 100.

1418 War. A deep blood-red shaded crimson black. Tall, sturdy spike. Late bloomer, 75c per doz.; \$4.90 per 100. 1437 Yellow Bird. A good yellow with a dash of Tyrian rose in throat. 35c per doz.; \$2.85 per 100. Bulblets, rose in throat, 50c per 100.





A Condensed List of Gladiolus According to Price

Price, 35c per dozen; 6 for 20c or 5c each; per 100, \$2.85.

1420 1451 1522 1533 1407 1461 1422 1481	Field's Finest Mixed America Anna Eberius Arlon Butterfly Brilliant Crackerjack Evelyn Kirtland Floral Treasure	1410 1424 1423 1489 1412 1425 1426 1446	Gold Drop Gretchen Zang Halley Herada Independence Jessie Le Marechal Foch Mary Fennell Mary Fennell	1508 1510 1646 1687 1517 1447 1555 1437	Mrs. Francis King Prim Beauty 1910 Rose. Salmon Beauty Salmon Buff Sentinel Snowbank Sweet Ora Yellow Bird
1536	Frolic Frolic	1427	Mrs. Frank Pendleton		Primulinus Hybrids Mixed

Price, 50c per dozen; 6 for 30c or 5c each; per 100, \$3.75.

Price, 75c per dozen; 6 for 45c; 3 for 25c or 10c each; per 100, \$4.90.

1477 Europe 1444 Lily White	1462 Red Bird 1416 Red Canna	
4		
	Price, \$1.00 per dozen; 6 for 60c; 3 for 35c or 13c each; per 100, \$6.50	•

1553 Maiden Blush 1507 Pride of Lancaster

1467 Al Shira			Pollyanna
1472 Byron L. Smith			Rose Glory
1408 Crimson Glow			Scarlet Glory
1479 Elsie			Souvenir
1527 Frank J. Symmes		Mona Lisa 1526	Ulrica
1482 Golden Measure		Mrs. Dr. Norton 1658	Vesta Tilly
1538 Goliath	1502	Orange Glory 1520	Violet Glory

Price, \$1.50 per dozen; 6 for 85c; 3 for 45c or 15c each.

Dutch Bulbs for Early Spring Bloom

Each Spring when Tulips, Hyacinths, Narcissi, Crocuses, and Snowdrops are in their full glory, folks say, "Oh! It I had only clanted a bed of Dutch bulbs last Fall." Why not make a resolve cight now to have that bed next year and start by sending in your order this Spring instead of waiting until next Fall when you will be out of the notion. We will file it and when the bulbs are in, early next Fall, will send them along without another word from you. If you should want to change your order later on, we can easily arrange that. The beauty and fragrance of the early Spring bloomers is appreciated more by folks than most any other flower.

RAINBOW COLLECTION OF TULIPS. 18 bulbs for only 85c, postpaid.

1569 Carmen Sylva 1475 Dorothy McKibben

1701 PRIZE MIXED EARLY SINGLE TULIPS. 60c per doz.; \$4.50 per 100.

ARLY SINGLE TULIPS IN SEPARATE COLORS. 1703 Red. 1704 White, 1705 Yellow. 1706 Pink, 1707 Orange. Price, 65c per doz.: \$5.00 per 100.

1702 PRIZE MIXED DOUBLE EARLY TULIPS. 65c per doz.; \$5.00 per 100.

EARLY AMED VARIETIES OF SINGLE BARLY TULIPS. 1710 Keizerskroon, 1711 La Reine, 1712 Yellow Prince, 1766 Rose Gris de Lin. Price, 70c per doz.; \$5.50 per 100.

1774 OLD DUTCH BREEDER TULIPS. Price, 6 for 45c; 12 for 85c; \$6.00 per 100, postpaid.

NAMED VARIETIES DARWIN TULIPS. 1715 Bartigon, 1716 Farcombe Sanders, 1717 Clara Butt, 1718 Pride of Haarlem, 1767 Baronne de la Tonnaye, 1768 Rev. Ewbank. 1719 Inglescombe Yellow, 1720 Gesneriana Spathulata, 1721 Picotce or Maiden's Blush. Price, 6 for 40c; 12 for 75c; 100 for \$5.75.

1714 DARWIN MIXED. Price. 75c per doz.; \$6.00 per 100.

1708 PARROT or DRAGON TULIPS. Price, 65c per doz.; \$4.85 per 100.

1722 MAYFLOWERING MIXED. Price, 75c per doz.; \$6.00 per 100.

1978 DARWIN TULIP COLLECTION. 20 bulbs in all. Price, \$1.00.

AMED VARIETIES OF HYACINTHS. 1725 Gertrude. 1726 La Victoire, 1727 Moreno, 1728 L'Innocence, 1729 Grand Maitre, 1720 King of the Blues, 1731 Yellow Hammer. Bedding size, 3 for 60c: 6 for \$1.05; 12 for \$1.85; 25 for \$3.50; 100 for \$12.50; Exhibition size, 3 for 75c; 6 for \$1.35; 12 for \$2.50; 25 for \$4.50. NAMED

1639 Remembrance 1513 Romance

BEDDING HYACINTHS IN SEPARATE COLORS. 1749 White, 1750 Yellow, 1751 Red, 1752 Pink, 1753 Deep Blue, 1754 Light Blue, 1723 Mixed. Either alike or assorted to suit. Price, 6 for \$1.05; \$1.85 per doz.; 25 for \$3.50; 100 for \$12.50.

DUTCH ROMAN or MINIATURE HYACINTHS. 1758 Pink. 1757 Red. 1755 White, 1759 Light Blue, 1760 Dark Blue, 1756 Yellow. 1724 Mixed, all colors. Either alike or assorted. Price, 6 for 85c; 12 for \$1.60; 25 for \$3.00; 100 for \$10.50.

CROCUS. 1736 White, 1734 Yellow, 1735 Blue, 1738 Striped, 1733 Mixed. Price, 35c per doz.; \$2.00 per 100.

1762 "PURITY" FREESIA. Price, 6 for 35c; 65c per doz.

NARCISSI or DAFFODILS. 1769 Princeps. Price, 3 for 25c; 6 for 50c; 90c per doz. 1742 Narcissi Mixed. Price, 3 for 25c; 6 for 50c: 90c per doz. \$7.00 per 100.

Circular Tulip Beds

We have arranged to furnish Tulips for different size circular beds which can be followed with other low-growing flowers. With each bed we will send full instructions and suggestions as to the best flowers to follow the Tulips.

1976 Tulip Bed. Five feet in diameter. 100 Early Single Tulips, mixed. Price, \$4.25.

1977 Tulip Bed. Five feet in diameter. 25 each of red, white, yellow and orange, 100 in all. Price, \$4.75.

Tuberous-Rooted Begonias

A flower specially suited to shady places in the border or at the north side of a building. It also works in fine in porch or window boxes, or makes a good pot plant to be grown indoors.

The flower comes both single and double, and on a well developed plant from three to even five inches across. The colors range through red, orange, salmon, rose and white.

The attractiveness of these flowers with their many delicate shades is increased by the rich foliage of the plant. They are not hard to grow and the bulb and plant will increase in size from year to year.

1772 Single Flowers. Large bulbs, 3 for \$1.00. Small bulbs, 5 for \$1.00.

1773 Double Flowers. Large bulbs, 3 for \$1.15. Small bulbs, 5 for \$1.95.

1773 Double Flowers, Large bulbs, 3 for \$1.15, Small bulbs, 5 for \$1.25.

1847—Calla, Golden Yellow (Elliottiana)

A beautiful new Calla for outdoor culture and for pot culture, for early Spring bloom. The flowers are large and a clear golden yellow. Leaves a dark green spotted a creamy white, making a very striking and pretty plant. It is a good strong grower and we are furnishing large bulbs so you will have no trouble in growing a nice plant.

A clump of a dozen of these Callas bordered with a good free-blooming, dwarf plant, makes a beautiful show when all are in full bloom. They are far superior to the old white Calla or the spotted Calla for outdoor planting. Plant in well drained, fertile soil, loose and mellow.

Large Bulbs. Three for \$1.00.

Small Bulbs. Five for \$1.00.

1844—Mexican Tuberose

This variety grows a strong, sturdy spike, pure white and very fragrant flowers. It can be used as a cut flower or can be allowed to stand in the garden where its pleasing fragrance will be quite noticeable, especially in the evening. 4 bulbs for 30c: 75c per doz.: \$5.25 per 100.

1959 Gladiola Collection

As Long as They Last-50 bulbs for \$1.00.

(Large Bulbs).

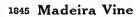
Many do not care for the name just so they get a good flower, and, in putting them up this way, we can afford to sell them cheaper. This is a mighty good opportunity to get a start of a good assortment of this wonderful flower. Will sell you any larger amount at the rate of \$2.00 per 100 bulbs, as many dollars' worth as you want at this price, but not less than \$1.00 worth.





Golden Yellow Calla.

year. We have a wonderful strain of them. 75c each; 3 for \$2.00.



One of the finest climbers for foliage effect. Sometimes called Mignonette Vine. It furnishes a dense branching growth, has glossy green leaves, and small, feathery, white blossoms; very fragrant. It is a rapid grower and fine for porches, arbors or anywhere a quick growing vine is desirable. 6 bulbs for paid.

1848—Caladium or Elephant's Ear

These plants do not bloom, but are valued for the appearance of their enormous leaves. They often grow 3 feet in length, and make a fine background for small plants and flowers. Start in a flower pot in the house and set out when the ground is warm. Give rich soil and plenty of moisture. 20c each; 2 for 35c: \$1.95 per dozen.

Perennials

Most of these bulbs work in fine with perennials which you will find listed on pages 38 and 39. A perennial border at the side or toward the back of your lawn will give you and your friends many pleasant hours. Use the flowers found on this and the following page liberally along this border.

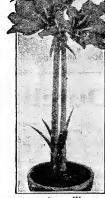


Tuberous-Rooted Begonia.

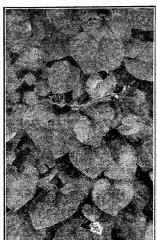
Giant Hybrid Amaryllis

1842

It is a very large flower, red or pink in color, and shaped like a lily. All the way from 2 to 12 blooms to a single bulb. They are very easy to grow. racy are very easy to grow. Pot the bulbs in rich dirt in fairly large pots in the Fall, Winter Fall, Winter or Spring, and they will bloom from February to May. The bulbs, rested,



Amaryllis.



Madeira Vine.



Caladium.

Fancy-Leaved Caladium.

1834 Karl Merck. 4 feet. Green foliage. Flower a pure yellow with tinge of orange and flecked with pink dashes becoming red in throat. 15c each; \$1.50 per doz.

1840 Yellow King Humbert.

4 to 5 feet. Green foliage.
Large, golden yellow flowers
blotched red. Plants occasionally show foliage and flowers partly colored red like King
Humbert. 20c each; \$2.00 per doz.

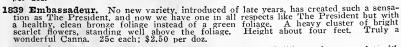
1826 Allemania. 5 feet. Green foliage. Orchid-flowering bright scarlet, with broad and irregular yellow border; beautifully mottled and variegated, 15c cach; \$1.50 per doz.

1829 Nokomis. 5 feet. Bronze foliage. Large, vivid crimson flowers with a rich, silky sheen on the large petals. 15c each; \$1.50 per doz.

1827 Shenandoah. 4 feet. Bronze foliage. Flowers salmon-pink borne in large clusters; foliage rich ruby-red. 15c each; \$1.50 per doz.

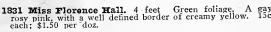
1825 Pennsylvania. 6 feet. Green foliage. Large orchid-flowered searlet, overlaid with orange. 15c each; \$1.50 per dez.

1836 The President. 4 feet. Green foliage. This Canna is superior to any other red variety in the quality and also the quantity of bloom. Color rich glowing scarlet and the immense firm flowers are produced on strong, erect stalks well above the large, rich green foliage. 20c each; \$2.00 per doz.



Allemania.

1828 Charles Henderson. 3 to 4 feet. Green foliage. Brilliant crimson-scarlet with flame yellow throat. 15c each; \$1.50 per doz.





1865 — Fancy Leaved Caladiums

An ideal plant for a lily pool, or as a bedding plant in any situation, if you will give it plenty of water. The dark green leaves are richly spotted and striped with many shades of color, and different plants will show crimson, scarlet, lavender, pink, white and yellow in spots, margined or along the veins of the leaves. Plants stand a foot high and up. 40c per bulb; 3 bulbs for \$1.00

Cannas

Modern Type Large Flowered Cannas. These are fine for decorative effect on the lawn. They are tropical looking, and the rank green foliage and gay red and yellow flowers make a brilliant sight. Plant in rich, moist soil when the weather is warm and settled. Better yet, start roots in a flower pot in the house and have them ready to set out when the warm weather comes.

Special Canna Beds

If you wish, I will make a selection of varieties for you for a complete Canna bed, and will choose varieties that will match up well in foliage, bloom and height. Will guarantee to give you kinds that will please you. These bulbs can be used in an oval, round, or triangular bed, just as you like. In fact, there are many other ways of using them in a formal bed. Personally, I like them in a border, setting the tall ones at the back. When we fill the order we label them, tall, medium and low.

1961 Five-Foot Bed. 13 plants as follows: 4 tall for center or background, and 9 medium height for outside of a formal bed or for front of a border, \$1.25.

1962 Seven-Foot Bed. 19 plants as follows: 1 tall for center or background, 6 medium for second circle, and 12 for outside of bed or for front of a border. \$1.75.

1963 Ten-Foot Bed. 37 plants as follows: 1 extra tall for center, 6 medium height for second circle, 12 for next circle, 18 shorter for outside circle. \$3.50.

1841—Choice Mixed Cannas

I have a very fine collection of Cannas in about 20 named varieties, but we have odds and ends, small lots of a kind, stray plants that get mixed in with other varieties, and so on, and these we put all together in a mixture. They are all first class named varieties, but I cannot promise you any particular color or variety. 6 for 50c; 90c per doz.; \$7.50 per 100, color or variety, postpaid.



Miss Florence Hall.

NamedCannas 1838 Apricot. 4 feet. Green foliage. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. 25c each: \$2.50 per doz. 1832 Golden Gate. 4 feet. Green foliage. The flowers open almost pure gold, but soon become richly rayed with orange-crimson and apricot centering to the throat. 15c each; \$1.50 per doz. 1837 Indiana. 6 feet. Green foliage. Orchid-flowered va-riety, with rich golden orange flowers often seven inches across. 15c each; \$1.50 per

Apricot.

Edging or Border Plants

A tidy border around each flower bed to define its shape does wonders for your yard. From this list of low-growers, you can select the ones that best suit your taste. These same plants may all be used to plant on top of your tulip beds during the Summer.

SWEET ALYSSUM. White. AGERATUM. Blue.
CANDYTUFT. White or lavender. LOBELIA. Blue. PETUNIA, Rosy Morn. Pink. PETUNIA, Snowball. White, PETUNIA, General Dodds. Red.

TORENIA. Purple. (For shade). PHLOX Drummondi. All colors. VERBENA. All colors., SCHIZANTHUS. Pink and white. AMARANTHUS tricolor. JOSEPH'S COAT. DUSTY MILLER. Gray foliage.

across.



Karl Merck.

1985—Canna Bed-Scarlet

A most wonderful circular bed can be made up of choice varieties of Cannas and Zinnias that will be suitable for your lawn, or your church lawn, school grounds or park. This bed will be ten feet across, the center five feet of The President Cannas, then a row of Giant Scarlet Zinnias, and on the outside an edging of Little Gem dwarf Zinnias. This will make a strikingly beautiful bed.

2	Pkts.	Dwarf	Zinni	as, Little	Gem				•	•		:		.20)
2	Pkts.	Giant 2	Zinnia	s. Scarlet		 					 			.20)
13	Canna	Bulbs	. The	President			٠.						.\$	2.20)

Total Special Price

1986—Canna Bed-Pink

If you prefer the same bed in soft shades of pink, use Miss Florence Hall, a 3½-foot, green foliage variety, and the Giant Salmon Rose Zinnia and Rosy Morn Petunia for the outside row.

 13 Canna Bulbs, Miss Florence Hall
 \$1.65

 2 Fkts, Giant Zinnias, Salmon Rose
 20

 1 Pkt. Petunia, Rosy Morn
 15

Total\$2.00 Special Price\$1.85



Cannas.

Cactus Dahlia.

Prices on All Varieties: 25c each; 2 for 45c; 3 for 65c; 6 for \$1.25; 12 for \$2.40—either all alike or assorted, as you

1864 MIXED DAHLIAS

We have quite a lot of mixed Dahlias, all colors and kinds, which we sell cheap. They are all double, but cannot promise any special colors. They are good, sound bulbs, all good bloomers, and a bargain at the price. 6 for 65c: 12 for \$1.25, all postpaid.

1965 COLOR COLLECTION 12 Dahlias for \$1.75.

Twelve choice Dahlias in assorted colors, all good strong tubers, well packed in a box, and mailed postpaid for \$1.75. Good assortment of colors, our selection of varieties. Colors marked separately. Money back if not suited. We cannot sell less than a full set of twelve on this.

Miscellaneous Spring Bulbs

1844 TUBEROSES. White flowers of delicate fragrance. 5c each; 6 for 25c; 50c per doz., postpaid.
1845 MADEIRA VINE. Rapid climber. 5c each; 6 for 25c; 45c per doz., postpaid.

1846 PANAMA LILY. Plant in Spring after the cold weather. Blooms very early, first year, ahead of any other Lily. 25c each, postpaid.

1843 CHINESE CINNAMON VINE. Nice vine for porches, windows, trellises or arbors. Leaves are bright and clean; flowers neat and fragrant. Plant any time, like potatoes, any kind of soil. 10c each; 4 for 25c; 18 for \$1.00, all postpaid. 2-year, extra large, 20c each; 3 for 50c; 7 for \$1.00.

Dahlias

They are as easily grown as potatoes, will grow in any kind of soil, and give continuous bloom from late June until after frost. They cover a time of year when flowers are scarce. They range from pure white to the darkest red and all shades between, Take up in the Fall and store like potatoes till Spring, when a single hill can be divided into roots enough to make a big bed.

1849 Jack Rose (Show). Velvety wine-red. 1859 A. D. Livoni (Show). Soft pink. 1850 Minnie McCullough (Decorative). Canary tipped and shaded crimson.

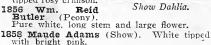
1852 Penelope (Show). White tipped with lavender.

(Decorative). Deep shell-pink, lavender. 1853 Queen

1851 Sylvia (Decorative). Rose pink shaded to cream center.

1854 Virginia Chambers (Peo-ny). Deep ruby ny). Deep ruby-red shaded maroon,

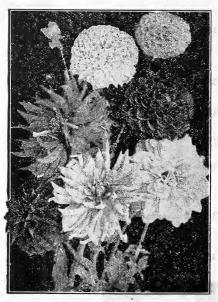
1855 Vivian (Show).
White, shaded and tipped rosy crimson.



1857 Kriemhilde (Cactus). Rosy pink.

1860 General Buhler (Cactus). Maroonred tipped white.
1861 Betty Lou (Show), Golden yellow tipped crimson.

1862 Floral Park Jewel (Show). Deep violet-rose tipped white.



Dahlias-Mixed.

A Liberal Education for \$1.00 for the Boys and Girls

Do they know the flowers referred to in literature? Give them a 20-foot strip inside the garden fence. Here are interesting vines to cover the fence, and a bunch of flowers easy to grow, and each with some interesting or romantic characteristic that will cause them to ever remember this garden:

TOUCH-ME-NOT FOUR O'CLOCK BALSAM APPLE MARIGOLD ZINNIA COXCOMB

FLORA'S PAINT BRUSH COENFLOWER GHOST FLOWER BACHELOR'S BUTTON JOB'S TEARS LOVE-IN-A-MIST

ANNUAL LARKSPUR NASTURTIUMS SWEET PEAS BALLOON VINE CANARY BIRD VINE LOVE-LIES-BLEEDING

12 FOR \$1.00

louse Plan



Ostrich Plume Fern.

Decorative Ferns

OSTRICH PLUME FERN.
Feathery foliage. A healthy
and vigorous grower. 32c.
Larger plants, 60c and 90c.

ROOSEVELT FERN. Fronds broad and heavy and of a rich dark green. **30c** each; rich dark green. 30c each; 3 for 85c. Larger plants, 60c and 90c each.

FLUFFY RUFFLES. Dark, feathery foliage. Growth dense and compact. 35c each; 3 for \$1.00. Larger plants, 60c and \$1.00 each.

maiden Hair Fern. An exceedingly beautiful and healthy dark green, feathery house plant. 30c each; 3 for

Premium With every order amounting to \$2.00, we will include, free, One good strong plant of the Wonderful Blue Lily-of-the-Nile. For every \$3.50 order, One Blue Lily and One Chrysanthemum.

OUBLE GERANIUMS.
Dark red, 26c. Rosy pink, 24c. Pure white, 22c. Dazzling scarlet, 25c. Pearlink, 22c. Special, Any 3 of above, 67c; 5 for \$1.10. DOUBLE

SILVER LEAF GERA-NIUM. Foliage distinctly edged with white. Large, crimson-scarlet flowers. 32c.

crimson-scarlet flowers. 32c.
PELARGONIUM. Amaranthred, petals marked with dark
spot in center. Very unique.
42c each; 3 for \$1.20.
FLOWERING AND
FRUITING ORANGE.
Waxy white, fragrant
blossoms; very sweet fruit.
Easily grown. 28c. Larger
plants. 75c and \$1.25.

Thick, leathery, sword-like leaves striped white. Stands heat, dust, and gas. Ideal house plant. 32c; larger, 65c.

CLEMATIS paniculata. Flowers creamy white, fraggrant. Rapid grower. 26c; 3 for 63c. 2-year plants, 40c, 60c and \$1.00.



Pink Oleander.

OLE-Rich POPULAR ANDERS. green foliage, beautiful blooms. Can be wintered in cellar. Pink and white, 30c each; 2 for 55c.

WANDERING JEW. Foliage variegated purple and scarlet. Grows easily. 20c each; 3 for 50c.



Double Petunia.

DOUBLE PETU-Beautiful, double fringed blooms, Colors white, pink, purple and variegated. 28c each; any 3 for 74c.

HIEISCUS, Peach-blow. Rich, clear pink. Flowers dou-ble. Fine pot plant ble. Fine pot plant for house or porch. 24c each; 3 for 68c. Larger plants, 75c.



Red Ger., Fireball,

SINGLE PETUMIAS. Exceptionally fine; mixed
colors. Very popular; easy culture.
Rich in coloring.
20c each; 3 for
57c; \$1.92 per doz.



Beefsteak Begonia.

BEEFSTEAK
BEGONIA
(Feasti). Circular
leaves, of heavy leaves, of heavy texture, dark glossy green above, red beneath, 35c; 3 for \$1.00; larger plants, 50c; 3 for \$1.43.



Tub Hydrangea.

PORCH HYDRAN-GEAS. Deep rosy amber-red, 34c. Delicate rose colored flowers, 32c. Pure white, carmine eye, 30c. All 3 above 30c. A for 90c.

BEDDING LAN-Five colors, red, white, pink, yellow and variegated. Any color, 26c each; 5 plants, all different colors, \$1.23. TANAS. ive



Mammoth Hibiscus.

BOSTON FERN.
Easy culture, rapid grower; fronds of unusual length Most popular house plant. 26c. 50c. 75c and \$1.00 each.

(Asparagus Sprengeri). Dense, glossy green, gracefully drooping fronds. Vase, pot or tub plant. Sprays 4 to 5 feet long. 24c each. Larger plants, 50c and 75c.

TRAILING VINCA
(Variegated Periwinkle). A trailing
vine for hanging
baskets and vases.
Flowers blue. 22c
each; 3 for 40c.
Larger plants, 40c
each; 3 for 95c.



Asparagus Fern.

BEST FUCHSIAS. EST FUCHSIAS.
Single, rose-vermilion, 22c. Semidouble, deep pink,
26c. Double, pure
white, 30c. Double,
bright scarlet, 28c.
Double, violet flowers, 24c.

Special. Any 3 of above Fuchsias for 69c; and 5 for \$1.18.



Fancy Fuchsias.

paragus Plumosus).
Fronds. bright green, gracefully arched. Wonderful for decorative purfor decorative purposes. 24c. Larger plants, 50c and 75c.

BEGONIA, Venus.
Dark glossy bronzegreen leaves; free-flowering. Very atgreen leaves; free-flowering. Very at-tractive. 44c each.



Hardy Carnation.

HARDY CARNA-TIONS. Three colors, double white, light red and pink. Any color. 25c: 3 plants, all different colors, 74c.

STAR BEGONIA.

Rich green man-

green, mam-leaves with moth with markings. eddish Magnificent blooms. 48c each.



Chrysanthemum.

EXHIBITION CHRYSANTHE-MUMS. Red. 30c. Pure white. 22c. Shell pink. 26c. Rich yellow. 24c. Silvery lavender, 28c. 28c

Special. Any 3 of above. 69c; and 5 for \$1.18.

WEEPING LAN-TANA. Flowers violet-pink. Blooms Winter and Sum-mer. 28c; 3 for 80c.



Wonder Lemon. AMERICAN WON-DER LEMON. **DER** Blossoms

Rex Begonia.

GIANT LEAF BEGONIA.
King of Rex.
Beautiful foliage.
Mammoth, bright
green leaves. 40c

HARDY SWEET
PEA. Hardy vine;
similar to regular
Sweet Peas. Crimson King. White
Pearl and Pink
Beauty 35c each;
3 for \$1.00.



Weeping Lantana.



No. 25 Combined Drill and Double Wheelhoe

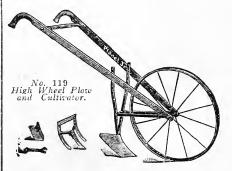
This is just like No. 4 with a few tools added. The wheelhoe equipment is two hoes, four cultivator teeth, two turning plows, two leaf guards and two wheels. It is also easy running and built of the very best material. Shipping weight, 61 lbs. **Frice. \$21.50.**

No. 12 Wheelhoe

This is the same wheelhoe as in the No. 25 Combined tool. Equipment, two hoes, four cultivator teeth, two turning plows and two vine lifters. Shipping weight, 33 lbs. **Frice**, \$10.75.

No. 13 Wheelhoe

Just like No. 12 but equipped with two hoes only. Shipping weight, 28 lbs. Frice, \$8.00.



Planet Jr. Garden Too

This line of garden tools is probably the best known and most extensively used of any line made in this country. The material used in them is the best that can be bought and they are well built. The steel used in the plows is real steel and will take a good polish and scour. They are easy running and do good work. Garden tools save an immense amount of hard work. -Home Gardener Combination

ome Gardener Combination

Price for Seeder and Wheelhoe Complete. \$12.00.

This combination furnishes you all you will need in garden tools for planting and cultivating your home garden. Pushes easy. Any woman or boy can run it without tiring out. It includes No. 17½ Planet Jr. Single Wheelhoe and the new Standard Large Midget Seeder. The seeder will sow any seed any other garden drill will. The hopper holds a pint and a half or more, but will sow a five ent packet down to the last seed, or can be easily emptied if all the seed is not used. It will drill an even depth, as adjusted, in nice straight rows and covers seed at the same time. Is equipped with a simple index for setting the drill for different seed, and can be adjusted in an instant. Two bolts fasten it securely to the wheelhoe.

The Wheelhoe is equipped with two six-inch steel hoes, three steel cultivator teeth and a fifteen-inch wheel. This is the combination we have been looking for for years for the backyard gardener. It sells at a price that he can afford to pay, and is guaranteed to give satisfaction. It is true the seeder is made by one company and the wheelhoe by another. But the two tools are perfectly peaceable and work together harmoniously and don't fight.

No. 1925 Home Gardener Combination. Complete

No. 4 Planet Jr. Combined Hill and Drill Seeder, Single Wheelhoe, Cultivator and Plow

An easy running, well built drill and wheelhoe. The tools are all polished steel and will scour. The wheelhoe equipment is a pair of hoes, three cultivator teeth, one leaf guard and a turning plow, and you will need them all. The seeder will either drop continuously or in hills 4, 6, 8, 12 or 24 inches apart. The most popular tool in the Planet Jr. line. Shipping weight, 50 lbs. **Price**, \$18.00.

No. 4 Seeder Only This is the Seeder No. 4 Combined Tool is equipped with, Shinping weight, 40 lbs. Frice, \$14.25. No. 12 Wheelhoe

No. 119 High Wheel Plow and Cultivator

This wheelhoe is equipped with a 24-inch wheel, one reversible scuffle blade or hoe, one turning plow and two cultivator teeth. It is a sturdily built and an easy running tool. The scuffle hoe can be used for the smaller crops and then reversed and used on such crops as corn, beans, peas and potatoes. Shipping weight 16½ lbs. Price, \$4.75.

Sprayers SEND FOR COMPLETE LIST GIVING DESCRIPTION AND PRICES.

We haven't room to catalog our sprayers, but we have some very handy sprayers for the back yard gardeners and the small fruit growers.

We can furnish a powerful pump-built sprayer for the small fruit grower at \$15.00. Some even better. Write for prices on some of these large sprayers. We can fix you out, I am sure.

Then, we can furnish you the smaller handy garden sprayers. Some 2½-rallon tanks with a short hose and extension rod, a good nozzle, at \$5.00. We have some sprayers that we will sell for even less money that are good serviceable sprayers that will give good satisfaction for work among the small plants and in the garden.

We are going to print a little circular giving a full list of what we can offer, and our best prices. It will pay you to get this circular if you are in need of a sprayer of any kind. Write for it and let us know about what you want and we will make you a good price.

The Standard Garden Tools

No. 9 Standard Drill and Double Wheelhoe Combined

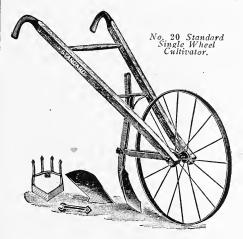
This tool will deliver seed in drills and by shifting one part only will drop in hills 4, 6, 8, 12 and 24 inches apart. Index for regulating flow of seed in plain view and easily adjusted with brass thumb screw. Equipment includes four cultivator teeth, one pair of hoes, one pair of plows and two leaf guards. Will plant and tend anything in the garden

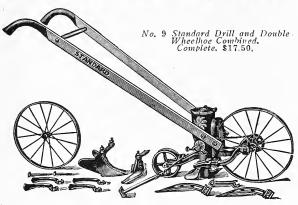
No. 13 Standard Two-Wheeled Double Cultivator

This No. 13 Cultivator is the same as the combined tool No. 9, except that it does not have the drill attachment, but has all the cultivator parts complete. If you buy this and later decide that you want to use it as a drill, you can buy the drill attachments separately for \$9.00; then you would have the regular No. 9 which sells at \$17.50. It is light weight, yet strong enough to last a lifetime; can be changed in a minute from a double wheel, for cultivator astride the rows, to a single wheelhee.

No. 13. With plows, hoes, cultivator teeth .. \$9.00 Shipping weight, 26 lbs. Handles 5 lbs.

No 17. With hoes and cultivator teeth only .. \$8.00 Shipping weight, 23 lbs. Handles 5 lbs.





Standard Spring Beam Double Cultivator

The handles, being bolted to the spring beams, allow them to be moved to and from each other very easily. In cultivating plants in hills the attachments can be worked in and out between the plants, just like cultivator gangs, doing the closest work possible to be done with a wheelhoe. The arch clears the ground fifteen inches and is adjustable in width from seven to eleven inches. Wheels are sixteen inches high, with one inch tires.

No. 5. With plows, hoes and cultivator teeth\$8.50 Shipping weight, 25 lbs. Handles 5 lbs.

No. 7. With hoes and cultivator teeth only\$7.50 Shipping weight, 22 lbs. Handles 5 lbs.

Standard No. 20 Single Wheel Cultivator

For a single-wheel cultivator the Standard No. 20, shown in the picture above, is a mighty good one. It is light weight, easy running, and is very easily adjusted.

The high wheel (24-inch), makes it run easy and balance and steer well. By loosening one wing nut, without the use of a wrench, the headles are adjustable to any height, or to depth for the cultivation.

The tool is guaranteed satisfactory and you can make no mistake in buying it.

This wheelhoe combines nicely with the Large Midget Seeder. Standard No. 20. Single Wheel Cultivator (without

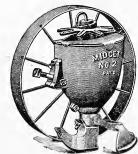
drill) Shipping weight, 19 lbs.

Shipping weight, 251/2 lbs.

No. 2 Midget Seeder

We have handled the Little No. 1 Midget Seeder for years but are now discontinuing it in favor of one similar, but better, made by the same company. It has the same style feed, which is the best thing I know of in any drill, large or small. The new Large Midget, or the No. 2, does better work. The attachment for fastening to the Wheelhoe can be used for most any make of Wheelhoe, at least with very little alteration. The No. 2 Midget will sow any seed any other seeder will, and will sow a five-cent packet iust as well as a hopper full. It is easily regulated, easily filled, and easily emptied, if you do not use all the seed. It works well with Standard No. 20 Single Wheel Cultivator or any of the Standard Wheelhoes, or with No. 17½ Planet Jr. Wheelhoe

Shipping weight, 10 tbs.



Topepo

Half Tomato and Half Sweet Pepper

This is a new introduction that is creating quite a bit of interest. It is said to be half tomato and half pepper. Those who claim to know say that a cross between the two species is impossible. On the other hand, the originator says he knows what he is talking about, and claims even more, stating that it is not only an actual cross but has the flavor of both the tomato and sweet pepper. As to all this, you will have to be the judge.

A vegetable half tomato and half sweet pepper certainly would be a great curiosity. It looks and tastes to me like a good sweet pepper. It is large, vields well, and is very sweet. Most of the fruits are yellow when ripe but there may be a few red ones. If it is a cross between the pepper and tomato, it takes more after the pepper than the romato, but whichever it is, it is a good vegetable and is worth the money. Price per packet of fifty seeds, 30c.

Bug Dusts and Dusters

A supply of dust and dust guns at the beginning of the season is a splendid form of crop insurance. Sprayers and spray materials are also fine, but there is a tendency to use dusts, instead, because they are always ready to use and so much handier to apply. For the backyard gardener or the small trucker, or fruit grower, the dusts are the thing.

By having these materials on hand when you need them you will save enough on your crop to buy dusts or spray materials to last for years. The cost is very small compared to the value of your crop.

You have heard people say: "It is getting so we can't grow anything without spraying." There is a lot of truth in it. As the country has been settled up, the timber cut off, and different crops grown than were growing years ago, we have lost some of our birds and have too many of some kinds of insects and not enough of others. In other words, Nature's balance has been disturbed and we must dust or spray to kill some of the injurious insects that were killed in the past by birds and other insects.

That is the reason why splendid crops could be grown a generation ago without spraying, and now most all crops must be sprayed at times, and you can't wait until the insects appear before getting ready for them. Two or three days sometimes will enable them to multiply and gain such a foothold that they cannot be destroyed, or the crop will be greatly injured and possibly lost. The materials cost no more at the beginning of the season than they do when you are ready for them. It means a slight outlay of expense in the Spring, but it is not safe to take a chance.

You will begin to need dusting materials of one kind or another early in the season, and from time to time throughout the year. You should have at least a part of a season's supply on hand at all times.

We have different dusts for different purposes. Also an all-purpose dust that we call "Bug Dust" that contains an insecticide for both chewing inspotation to the backyard gardener. All our dusts are very finely ground and w

Iowa Special Combination Bug Dust

"It catches 'em comin' and goin'."

The best way to fight insect pests of any kind is with our "Bug Dust." It is a combination of several kinds of insect killers, containing nicotine for the plant lice, lead arsenate for the melon bugs and similar chewing insects, and sulphur as a general insecticide and fungicide.

The great advantage of it is that it can be used against all kinds of insects, and you don't have to stop and worry about what to use. This is a sure shot against any of them.

It is a fine dust to be applied with a duster or dust gun, and is very easily applied.

Price as follows, not prepaid. It must go by express as it cannot go by mail.

3 lbs. Combination



3 Ibs. Combination Bug Dust\$1.00
5 lbs. Combination
Bug Dust 1.50 10 lbs. Combination
Bug Dust 2.50
25 lbs. Combination Bug Dust 5.50
100 lbs. Combina- tion Bug Dust 20.00
tion bug bust

No. 100 Superbilt Duster.

No. 100-Superbilt Duster

This is what we consider the best hand power duster made, and is suitable for either garden or small orchard work, but is especially designed for truck garden work. Weighs 10 lbs., and can be easily carried. Will work either one or two rows at once. Has a powerful fan which distributes dust evenly and steadily. Has valve and shut off to regulate flow of dust Fully guaranteed in every way. This is a new model we are offering this year. The gears are enclosed, the capacity increased and the feed adjustment more efficient and the price the same as the old model.

Furnished complete, as shown, \$12.00, not prepaid.

Special Nicotine Carrier

This dust is for sucking insects such as lice but not for chewing insects as cabbage worms and potato bugs. If you have a valuable crop or the lice are unusually bad, use this dust. "Bug Dust" contains nicotine but not as strong as this.

Dust as soon as the lice appear. Do not wait until your crop is badly infested. Use Nicotine Carrier Dust when things are serious.

Also use it for Striped Cucumber Beetles and young Squash Bugs. It won't always kill them but will make them mighty sick. It will drive away the cucumber bugs and if the squash bugs have only recently hatched out, it will get them.

Price as follows, not prepaid. Cannot go by ail. Must go by express.

3	lbs.	Nicotine	Carrier	Dust	 	٠.	 	 .\$1.15
5	lbs.	Nicotine	Carrier	Dust	 		 	 . 1.75
10	lbs.	Nicotine	Carrier	Dust	 		 	 . 3.00
25	lbs.	Nicotine	Carrier	Dust	 		 ٠.	 . 6.75
100	lbs.	Nicotine	Carrier	Dust	 		 	 25.00

Iowa Special 85-15 Sulphur-Lead Arsenate

An insecticide and fungicide combined. That is, it will kill chewing insects and control many plant diseases, but it will not destroy the lice. It is suitable for the orchardist and the small fruit grower and the gardener. It is a great saving of time to combine poisons for both insects and plant diseases as they have been combined in this dust. It has a little stronger insecticide poison than "Bug Dust" and sure "knocks 'em" if they eat it.

Price as follows, not pre-id. Cannot go by mail. paid. Cannot go Must go by express.

3 lbs. 85-15 Sulphur-Lead Arsenate\$0.85

5 lbs. 85-15 Sulphur-Lead . 1.25 Arsenate

10 lbs. 85-15 Sulphur-Lead Arsenate 2.00

bs. 85-15 Sulphur-Lead Arsenate 4,25

100 lbs. 85-.5 Sulphur-Lead Arsenate 15.00

Bug Duster \$1.00

It is difficult and a disagreeable job as well as wasteful to apply any of these dusts without the aid of a duster or a dust gun as some call it

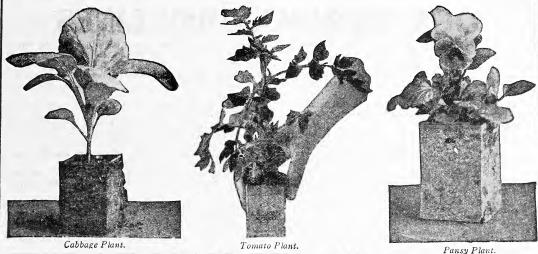
This "Bug Duster" is inexpensive and handy. The picture gives you an idea of its appearance. It is equipped with a long nozzle, as you will notice by the picture, so that you will not have to stoop over when you dust your melon or cucumber vines. There are other dusters that look like this one but none other, for the same money, that is quite so serviceable or satisfactory. Price, \$1.00 each, not prepaid.





Bug Duster.





Paper Pots for Plants

These photos will give you a good idea of how these plant bands look in actual use. You can see at a glance what a great help they will be.

Potted tomato plants are increasing in demand and rightly so, for they sure do transplant nicely. Never wilt or lose a leaf Generally they cost about 10c each if grown in regular flower pots, but you can grow them in these square paper pots at a very slight expense, and they will sell like hot cakes.

This shows how pansy plants look in square plant bands. Pansy plants are always good sellers and bring a good price in these pots, and the cost of the pots is very small. Also, it saves wrapping the plants separately, which would cost almost as much as the pots.

It is not so common to handle potted cabbage plants, but I believe we are overlooking something in that regard, and I believe that it would pay well. With the square paper pots we can do it cheaply, and I believe we can get out cabbage ten days earlier that way. Try it. The pots will cost you less than a quarter of a cent each in quantities.

These plant bands are all right. They are the finest thing in the world to transplant plants of every kind. They are cheap, easy to use, very satisfactory.

They come already folded and set up. All you have to do is open them, set them in a box close together, and fill with dirt and put in the plant. They can be had either with or without bottoms.

We do not bother with bottoms in them at all, but just use the sides, and we find they handle just as well when they are ready to move as if there were bottoms in the bands, and it is easier when they are in the dirt for the roots to get out on account of there being no bottom to the band.

They come in various sizes, but we like the 2x2 size the

roots to get out on account of the band.

They come in various sizes, but we like the 2x2 size the best. We can, however, furnish the other sizes if you want them. Here are the prices:
2x2 in. 3x3 in.
250 \$1.25 1.75 \$2.00 Postpaid
1600 \$3.00 4.00 5.00 Exp. Collect 4x4 in. \$ 2.00 Postpaid 5.00 Exp. Collect 22.00 Exp. Collect 3.00 13.50 18.00 22.00 Exp. Collect If you want them with bottoms, add 20 per cent to

Hotkaps A Plant Protector

A cone-shaped paper plant cover, a little larger than a A cone-snaped paper plant cover, a little larger than a man's hat, that is set over the young plant to protect it from frosts and cold weather in the Spring. This makes it possible to grow a much earlier crop. Just the thing to cover a hill of melons, cantaloupes, cucumbers, tomatoes, peppers, or any other vegetable plant that you need to protect, as well as flowers.

They not only protect from frosts but from damaging winds, heavy rains, and prevent the ground from forming a heavy crust. They will also help keep the striped cucumber beetles away from the melons, cucumbers and other vine crops.

other vine crops.

"Hotkaps" are made of a specially prepared wax paper and are conclike in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it, "Hotkaps" become individual miniature hothouses. They are reinforced by a strip of heavily waxed paper to guard against outside pressure. Rain will not destroy them nor will it injure or lessen their effectiveness in any way.

In placing the "Hotkaps" over the plants the "Hotkaps"

destroy them nor will it injure or lessen their effectiveness in any way.

In placing the "Hotkaps" over the plants, the "Hotkaps Setter" will prove very helpful. This is a small steel cone, the exact shape of the "Hotkap" itself, with a handle at the top. The "Hot'ap Setter" costs only \$2.50 and can be used a lifetime "Hotkaps" are "ced in the setter, and the setter is then placed on the ground over the plant. Slight pressure on the handle at the top will force both setter and "Hotkap" mot the ground from ½ to ½ inch. The edge of the "Hotkap" protruding from around the rim of the setter, is then heaped with sufficient soil to weight the "Hotkap" down. The setter is then lifted, and the "Hotkaps" is in its permanent place.

"Hotkaps" are packed one thousand to the package, which weighs twenty pounds.

Price, boxed for shipment, \$10.00 per 1000, not

Price, boxed for shipment, \$10.00 per 1000, not prepaid. HOTKAP SETTER. \$2.50, not prepaid.

Watch-Em-Grow Plant Food

Are your house plants as nice as you would like them to be, with the flowers as bright and the foliage as rich? Have you ever wondered why some people have more beautiful plants than others and why some folks seem able to make any kind of a plant do well? Do you know that Watch-em-Grow Plant Food will work wonders with a sickly plant? Try it and you will be amazed at the results you will see in a very short time.

Where Shall I Use It. All plants, from a tiny blade of grass to a large tree will be benefited by drinking of this food. But indoor plants always have a greater struggle to succeed than do outdoor plants, and as we have nothing but indoor plants for several months each year, perhaps the greatest use you will find for Watch-em-Grow Plant Food is on the house plants and cut flowers indoors. But don't overlook the use of it on your roses, bulbs and shrubs.

Row Do I Use It. Being a clean.

look the use of it on your roses, bulbs and shrubs.

Row Do I Use It. Being a clean, odorless powder, which will dissolve quickly m water it can be easily applied to plants just as you ordinarily water plants. Complete instructions on each package, but following suggestions will show its value.

For Potted House Plants. Dissolve a rounded teaspoonful ma cup of hot water, pour this into a gallon of cool water and you are ready to feed your plants. For a plant m a six-mech pot, a pint every few days until you see a decided improvement then use every month or so.

For Your Garden. Both flowers and vegetables will be greatly benefited if Watch-em-Grow, in the same solution as recommended for house plants, is sprinkled over the seeds before they are covered.

Cut Flowers. Drop a pinch of Watch-em-Grow powder in the water. It will make the bouquet last longer and will be worth the price of the food.

In Potting. When you change the soil of pot plants, mix a teaspoonful of Watch-em-Grow with a gallon of soil before you set the plants.

For Your Lawn. If you have spots in your lawn where it is hard to keep the grass green, sprinkle with the solution and you will be surprised at the results.

Fore, big 8-ounce can. 50c, postpaid

OUR MERCHANDISE LINES

Many of you already know that we are handling a great many other lines of goods in addition to the seeds and plants we started with, and we have endeavored in this little catalog to get together some of the leading ones for your convenience.

This probably does not include them all yet, but most of them are here, and others will be added in later issues.

With our enormous business organization we are in an ideal position to do you a lot of good in a great many lines besides seeds, and that is what we propose to do. We have been gradually going into it for some time and will keep on adding other lines from time to time as fast as we can find what looks like practical chances to do you some good and make a little business for ourselves.

These extra lines will give us a chance to keep our big organization working steadily the year around, and thus cut out the waste of slack seasons and at the same time handle the business at such low costs that we can save money for you.

And by keeping our force busy the year around we can give you still better service in the seeds and plants.

No, I don't think we will handle everything, but only special lines. It must be something that is of universal demand, and something on which by working direct from factory to you we can give you a high quality at a low cost.

We will in every case give you quality, service, economy, and satisfaction.

Everything will be sold on our usual guarantee of "your money's worth or your money back."

You can see all these things right here at Shenandoah. Come and see us and look over the new merchandise lines, whether you want to buy or not.

HENRY FIELD.



The Latest Picture of the Field Family

Yes, here they are, all 11 of them except the oldest daughter Faith who is now living out in California. But the rest are all here, and the new son-in-law, Jessie's husband, John Desch, and two of the grand-children, Frank's children.

This was taken on the wedding day along in June, out on the front of our house. I guess you know them all but for lear you do not, here is who they are. The ones standing up are Frank, Mary, Jessie, John, H. F., Hope, Josephine, and Philip. Sisting down in front are Zoanna, Robert, John Henry, Letty, Georgia, and Ruth. Frank has another little boy who was not there, and Faith has two boys who are with her in California.

Frank has been away for several years, but is back with us in the business now and has charge of the Nursery Department. Jessie married one of

the seed house boys and they both work at the seed house. Mary is still in high school, Hope is teaching this Winter at Rose Hill, Iowa, and Josephine and Philip are in college at Ames. Josephine has been teaching for 3 years but is going to school again now.

We are all well and eating three meals a day, and getting along about as usual The four little ones have been busy all Summer with their refreshment stand "Ruth Field & Co." and have done quite well. They bought a pony with part of the money they made.

They are a pretty good bunch of children and I am trying to teach them to be hard working, self reliant, clean, pleasant, thoughtful of others, and good Christian citizens. And if I can raise all of them that way I call it a pretty big contract. H. F.

Glass Cloth--- A Perfect Substitute

Much Cheaper Than Glass and in Some Ways Even Better

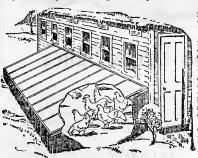
The new product, Glass Cloth, is in many ways superior to glass for hotbeds, cold frames, chicken houses, scratch sheds, for covering window openings and for making a screen porch into a sun parlor. It is much cheaper than glass. Lighter to handle. Does not break. Is almost as transparent as glass. Does not burn the plants in a hotbed and lets through more of the beneficial ultra-violet rays than does glass. than does glass.

Glass Cloth for Hotbeds

Glass Cloth for hotbeds is generally sed in frames 3 feet by 6 feet, the ame as glass. But a much lighter Glass Cloth for notbeds is generally used in frames 3 feet by 6 feet, the same as glass. But a much lighter frame can be used, which is cheaper and easier handled. You can make these frames yourself, or I can supply them from here knocked down at \$1.25 each.

The cloth is a medium weight white muslin treated with a special preparation which makes it water-proof, translucent, weather-proof and long lived. It comes in one width only, 36 inches or a trifile less, and in standard size bolt of 15 yards. Can also be had in 6-yard and 10-yard bolts. Try and order these regular sizes if possible.

Plants started in Glass Cloth hotbeds are hardier, grow faster and transplant better. The ultra-violet rays help the plants to grow. No spindly plants. Soft warm rays of the sun are thrown to all parts of the frame, leaving no dark corners as glass does. Uniform light produced by Glass Cloth gives the plants a smooth, even green color, stocky, hardy, vigorous growth, full of proper vitality to be set out in the open and produce a good crop.



Glass hotbed frames weigh over four times as much ordinary frames covered with Glass Cloth. Why handle this weight every weight every
day when you
can use Glass
Cloth, grow
better plants
and do it
easier?
The frames

The frames can be made of light maof light terial, w can be which

can be frequently picked up around the home or be bought at small cost,
making the complete frames cost much less than
regular glass siding.

While Glass Cloth will withstand hail about as
well as glass, if it should be ruined by hail as may
possibly happen, it can be replaced for only a fraction
of the price of glass.

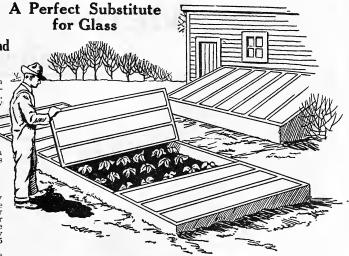
Hotbeds Are Money Makers and Money Savers. Raise
Your Gwn Plants and Sell to Your Neighbors.
Glass Cloth is fully as efficient as glass in stopping
cold, water and wind, at the same time is transparent
and admits the light and warmth of the sun as readily
as glass. In fact, whereas, glass is a conductor of
cold, Glass Cloth is not. While Glass Cloth is thinner than glass, it does not conduct cold and therefore
its resistance to cold is greater. its resistance to cold is greater.

SPECIAL PRICES-GLASS CLOTH 15-yard bolt (135 sq. feet) postpaid \$5.00 10-yard bolt (50 sq. feet, postpaid 3.50 6-yard bolt (64 sq. feet) all postpaid 2.25

This figures out less than 4c per square foot in full bolts, or one-fourth to one-eighth the cost of glass.

GLASS CLOTH TRANSMITS ULTRA-VIOLET RAYS

The power of Glass Cloth to transmit ultra-violet rays to laying hens, baby chicks and hothed plants is a sensation to agricultural scientists. Test after test has favored Glass Cloth by an amazing net margin. Experts and prominent poultry raisers have removed the glass from their buildings and replaced it with Glass Cloth. Results have astounded them. Egg yields doubled. Baby chicks lived and grew at remarkable speed. Today Glass Cloth is advised by experts everywhere.



CHICKS THRIVE IN VIOLET RAYS.

Never put baby chicks behind glass. It stops the sun's violet rays, and causes many weaknesses and disases of chicks. Use Glass Cloth only. In a test at Ames College 25% of the chicks under plain glass died, while all under Glass Cloth lived and grew thriftily.

GLASS CLOTH FOR CHICKEN HOUSES.

This Glass Cloth is just the thing for covering scratch pens, brooder houses, brooder pens, fronts for hen houses and all similar uses. It is better than glass and much cheaper.

GLASS CLOTH SCRATCH SHED BRINGS EGGS ALL WINTER

It is easy to get lots of eggs all Winter by just building a Glass Cloth scratch shed on to your hen house: cheap and easy to build. Glass Cloth admits the sun's ultra-violet rays, which would be stopped with the glass. This ultra-violet energy has an amazing effect on the vigor and egg yield of hens. In zero weather they lay like it was Spring. Give them straw to scratch in. The exercise feeds their circulation, makes body heat, increases vitality, aids digestion. High priced Winter eggs will pay for this scratch pen many times over cach ceason. Try it. It is a real Winter money maker for you.

Glass Cloth is ideal for scratch sheds, poultry and brooder house windows and all such uses around a poultry ranch.

PRICES ON GLASS CLOTH INCLUDE POSTAGE

PRICES ON GLASS CLOTH INCLUDE POSTAGE The prices quoted on Glass Cloth include postag prepaid. All express charges or freight charges add.

If you need large quantities to come by freight or ex-ress, say quantities of 50 yards or over, write for press, say que special prices.

press, say quantities of 50 yards or over, write for special prices.

MAKE A SUN PARLOR OF YOUR SCREEN PORCH
That screen porch of yours can easily be turned into a comfortable and practical sun parlor, by enclosing your porch for the Winter months with Glass Cloth over the screen wire.

This will improve the comfort and size of your entire house by the protection from the weather which an enclosed porch gives and the extra room which the porch provides.

The Glass Cloth will let the light through practically as freely as glass, but will stop the wind, cold and snow and make a comfortable room instead of a snow trap out of your screen porch.

Except in the very coldest Winter weather your screen porch can be made perfectly comfortable for every-day use and it makes a wonderful play room for the children. Violet rays coming through the Glass Cloth make it an ideal place for children.

STORM DOORS AND WINDOWS

Cloth make it an ideal place for children.

STORM DOORS AND WINDOWS

Glass Cloth is ideal as a protection against Winter weather when used over screen doors or on light frames in place of the regular screen. Make your house more comfortable by stopping these drafts and save doctor bills and fuel. A screen door will make a perfectly good storm door by covering the screens with Glass Cloth at a cost of from 60c to \$1.00, according to the size of the screen. If you object because you cannot see through it clearly, you can easily overcome this by installing a small piece of glass in some part of it. We have never found this necessary.

GENUINE GLASS CLOTH IS PATENTED
Genuine, durable Glass Cloth is made by Turner
Brothers under exclusive patent and it is their product
we sell. No other concerns can copy their patent.
No other has the same weather resistant formula. Real
Glass Cloth is a strong fabric, specially treated to
make it transparent, water-proof and weather-proof.



Horsehide Shoes

Horsehide Shoes Are Changing the Ideas of the Farmer

A-1. The toughest work leather known today. Soft and pliable. Flexible soles. Uppers are unlined, soft and durable. Does not get hard from getting wet. An exceptionally good shoe for farm work and you can have it in either soft, flexible sole or the hard, waterproof sole. We like to recommend it to our friends for long, satisfactory service. We can furnish you this splendid shoe in a good range of sizes, and of the regular army 14.00 per pair, plus postlast width \$4.00

Men's Oxfords for Dress

A-4. For men who want style and value. leather. An excellent quality calf skin oxford. Balloon toes, the season's latest model. Soft calf skin lining. Goodyear welt soles. Rubber-capped heels. Come intan or black. Medium and \$5.00 per pair, plus postwide widths. Sizes 6 to 12. \$5.00 per pair, plus postwide widths.





A-2. Kangaroo leather is imported from Australia. As good a wearing leather as can be put into dress shoes. It comes in a black, slick, shiny leather. Does not crack like patent nor peel like kid. More durable yet lighter in weight and softer than calf skin. Lined with soft, durable canvas. Goodyear welt soles of high grade oak-tanned leather. Rubber cap heels. These come in medium \$5.00 per pair, plus postand wide widths \$5.00

Boys' Footgear for Long Wear

A-3. The best shoe in the world for the boy is one that will stay with him. Our boys' horsehide shoes will prove to be the very best for any boy that wants a good school shoe or work shoe. It will put him through the season and will stand up through any kind of \$3.00 per pair, plus postabuse. Comes in sizes 11-5½. \$3.00 per pair, plus postabuse.

Boys' Dress Shoes

If it is a dress shoe that you are wanting for your boy, e have the very thing for you in the elk-tanned leather.

You know as much as I do about ordering shoes, but it never hurts anything to be careful and have it right. State the style, color, and catalog number (when one is listed). And for goodness sake don't forget the SIZE. If in doubt, put your foot on paper and draw around it, being careful to keep the pencil straight up as you draw. Or if you can read numbers out of your old shoes send them. You can do all of these things. It will help to give you the perfect fit and we want to do that.



Read These Instructions Before You Send Order



Ladies' Radio Arch Health Shoes



Field's Radio Arch Two-Button

Cut-Out Oxford No. 6-7-8. The season's favorite, leading in quality, workmanship and value. A newly designed model that strikes the fancy of the young woman of today as well as the matron. Has the same sole and arch construction as all of the Radio Arch Health shoes. Comes in soft, pliable kid leather of tan, black and patent. 15½-inch rubber cap heel, plain toe. Sizes 3½-9. Medium \$4.50 per pair, plus postand wide widths ... \$4.50 per pair, plus postand wide widths ...

Ladies' Two-Strap Kid Oxford.



Field's Radio Arch Fancy Cut-out Tie Oxford

No. 4. A real dressy model in a practical, comfortable oxford. Fine kid leather, black in color. Rubber-capped heel, 1% inches in height. The same sole and built-in arch construction as all of the Radio Arch Support shoes. Beautifully designed cut-out pattern adds much to the attractiveness of the shoe. Leather lined. \$4.50 per pair, plus post-Sizes 3½-9. Medium and wide widths \$4.50

Field's Radio Arch Health Oxford

Radio Arch Cut-out Tie Oxford.

Radio Arch Cut-out Tie Oxford.

of the foot, but extra close fitting around the instep, ankle, arch and heel.

No. 3. Made of high grade black glazed kid. Imitation tip (stitched across but no tip), Goodyear welt sole of good weight, high grade tanned sole leather. The comfortable 1%-inch military heel with rubber cap. This oxford is built on a combination last, insuring plenty of room in the ball the instep, ankle, arch and heel.

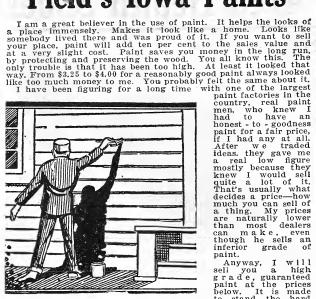
4.50 per pair, plus postage for 2 pounds.



All Black, Two-Strap, South American Kid Oxford

No. 2. This model is about the same as No. 1 except that it is two-strap instead of lace, with a somewhat higher military rubber cap heel. The same high grade soft kid leather, hand turned soles of oak-tanned leather. Flexible, neat and comfortable. The strap model is an all-purpose shoe, suitable for all constitutions and compare the approximation of the strap model and the straight of the strap model is an all-purpose shoe, suitable for all constitutions and compare the straight of the s occasions and sure to wear well. \$3.30 per pair, plus post-Medium and wide widths, Sizes 3-9. \$3.30 age for 2 pounds.

Field's Iowa Paints



Anyway, I will sell you a bigh seli you a high grade, guaranteed paint at the prices below. It is made to stand the hard

conditions of Iowa, Nebraska, Kansas and Missouri weather. It will look well and last well. Carries our name and O. K., and is made by a factory that knows paint from A to Z.

If you appreciate this kind of a deal, get busy and send us your order. Across the page is how to measure your house for paint and a suggestion about the barn. All the paint you order has got to suit you or you can have your money back.

AS OTHERS SEE US

We are liable to get so used to seeing our own house without painting that we really don't know how badly the place needs fussing up. It would be expected if it cost a fortune to paint up. But it doesn't, and with the paint prices here there is no ex-

ise any more. Just imagine Just imagine what you can do to beautify the house with a few cans of paint. Its worth the price in the pride you will feel. Sit down and figure out how little it will cost to put a new suit on your house and barn. I'll make a guess that if you do that you'll do more. Your order will be handled promptly; of

course the paint is guaranteed.

Don't stop when you have the house in bright, tip-top shape. Barns and other buildings have got the same weather to stand and deserve the same care and attention. Give the whole place a clean face for everyone to see. You can paint the house, barn, other buildings and even the fence for what it used to cost to do up the house. All our paints will return their cost many times over in saving expensive repair bills that come from putting off painting year after year. The attractiveness of your place counts too. counts too.

In 5-gallon cans (shipping weight 70 lbs.) ... \$2.40 per gal. In 1-gallon cans (shipping weight 17 lbs.) ... 2.50 per gal. In ½-gallon cans (shipping weight 9 lbs.) ... 2.60 per gal.

Shipped promptly, direct from factory near here. Freight is

We have these shades and colors in house paint, both gloss finish and flat tone for inside walls.

Inside White. Outside White. Ivory. Cream. Leather. Chocolate Brown.

Cherry Red. Slate. Pure Gray. Sky Blue. Lt. Green. Moss Green.

Also floor paint in Grey, Tan and Brown.



Wear and tear goes on inside the house on floors, woodwork and furniture, so frequent and timely applications of varnish is not only good business judgment in preserving values but also pays us big dividends in the added pride and satisfaction we have daily in our homes.

Our superior Crystal Floor Varnish is good alike for floors, walls and furniture, and gives a beautiful, elastic and durable surface. Our Outside Spar Varnish is adapted to all outside uses where there is weather exposure. Field's Varnish Stains may be had in these colors: Clear Varnish, Light Oak, Dark Oak, Walnut, Mahogany and Cherry, and at the same price as Crystal Floor Varnish.

CRYSTAL FLOOR VARNISH AND VARNISH STAINS Gallon\$2.80 Half Gallon Quart

OUTSIDE SPAR VARNISH Gallon



Field's Barn Paint

Our barn paints are manufactured by the same company that makes the house paints. Same high quality materials and the same satisfaction guaranteed. And, now, with these prices as low as they are, I guess you will either have to paint the barn or at least say that price isn't the reason any more. We have the two most common and popular shades for barns: Bright Red and Slate Gray.

BARN PAINTING. If your barn has a high gable, allow paint for this space. Multiply width of barn by the height of the gable above the corner posts. Divide the number of square feet by the covering capacity, and this gives you paint for gables. About 1 gallon of trimming to 10 gallons of body. of body.

Bright Red in 5-gallon cans (shipping weight 70 lbs.)...\$1.35 Bright Red in 1-gallon cans (shipping weight 17 lbs.) .. 1.40 Slate Gray in 5-gallon cans (shipping weight 70 lbs.)... 1.85 Slate Gray in 1-gallon cans (shipping weight 17 lbs.) ... 1.90

Freight is not prepaid. Shipped promptly, direct from factory near here.

How to Measure Your Buildings for Painting

Measure length, width and height. Add together the total length in feet of the two sides and two ends of the building. Multiply this by the height of the building at the eaves with 2 feet added for cornice. This gives square feet of surface to be painted.

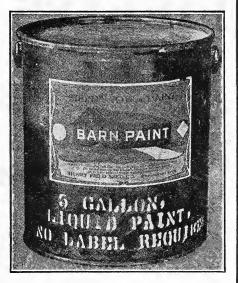
Thus: Your building measures 26 feet wide, 33 feet long and 22 feet high, you would figure it:

Front 26 i One side 33 i Rear 26 i Other side 33 i	eet eet
Total	eet
Multiply this by height, plus 2 feet for cornice 24 f	eet
Total 2,832 sq. fe	eet.



The New Saddle Horse

Yes, I have taken to horseback riding, or rather gone back to it, as I used to be quite a horseman when I was a boy, but hadn't ridden for over 30 years till I got me a dandy Kentucky singlefooter the other day, and I am having a lot of fun. Great sport and fine exercise. And then I had to get an Arabian "ladies horse" for the big girls and the children have a spotted pony, so we are well fixed for horses.



The Covering Capacity of of Paint

No. 1—For poor surfaces where no paint has been applied for 12 to 18 years, and the wood is bare and porous. For three coats divide the number of square feet by 100.

No. 2—For fair surfaces where paint film is thin and chalking. For two coats divide the number of square feet by 180; for three coats divide by 125.

No. 3—For new wood three coats are necessary. Divide the number of square feet by 165.

No. 4—For good surfaces, two coats, divide the number of square feet by 250. For one coat divide by 500.

About 1 gallon trimming to 5 gallons of body.

Remember This

The square feet of covering capacity of any paint depends upon surface over which it is applied. A baddy weathered surface will require twice as much paint as surface in good

Condition.

There are 231 cubic inches in every full gallon of paint, regardless of the brand. Do not be deceived by claims for the spreading of paints, for common sense will tell you that the larger the surface to a gallon of paint, the thinner the film will be.

Field's Stock Dip

We are having manufactured for us pure, coal tar, creosote stock dip of the regular type which is used for horses, cattle, hogs, sheep, goats, poultry or similar disinfecting purposes. It is extra good quality and the usual kind that is used diluted with from 60 to 75 parts of water, preferably soft water.

Here are the prices f. o. b. Shenandoah, you want the extrement.

extra charge.

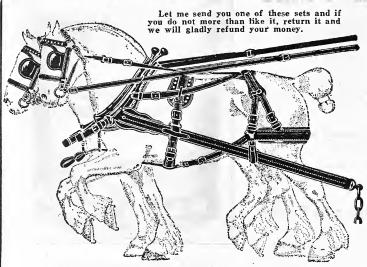
OUR GUARANTEE

We absolutely guarantee our dip to give satisfaction. It it does not after a fair trial, return it to us and we will either replace the goods or return your money.

SEND ORDERS TO US

Send your orders direct to us, Henry Field Seed Company, Shenandoah, Iowa, and we will make shipment promptly by either freight or express. Or, if you prefer, you can call at the seed house for it for we have it in stock here at the seed house.

IEI.D'S F



SPECIFICATIONS OF NO. 802

BRIDLES. Ring crown, combination front and winker brace. 1 inch cheeks with sensible blind, ½-inch nose band, ½-inch long reins, ¾-inch throat latches, number 47 bit.

HAMES. Best steel with 1¾-inch barse state.

47 bit.

HAMES. Best steel with 134-inch brass ball knobs,
34-inch spread strap with rings, 1-inch hame straps.

TRACES. Heavy 3-ply, 1½-inch by 6 feet, with 6link heel chain and swivel clevis, with safe at front end
and leathered around bolt.

BACK PADS. 5 inches wide, solid leather, doubled
and stitched, center reinforced with 1½ layer sewed on,
1½-inch double market straps, spotted around edge with
brass spots.

Folks, we certainly can save you a lot of money on anything in the line of harnesses, collars or repairs that you may need. We think we have the best harness line in the country today, and the prices are right. All of our harness is of the best quality and workmanship, as well as being very low in price. I would not be selling it to my customers unless I could save them some real honest-to-goodness money and still give them the very best. There is absolutely mo stag or flanky leather in any of our harness. Write for the Special Harness Catalog, and let us save you money on your harness. Field's Gibraltar. It is a harness that anyone would be oroud to throw on his horses and like the Rock of Gibraltar, it is built for strength.

This harness is one of the best sets that I am selling this season, and if you are hard to suit, it is sure to please you.

Every leather part is cut from the best Oak-Tanned leather and tested for its strength. This harness is a dandy. Fairly heavy but not too dandy. Fairly fleavy but not too heavy or cumbersome in appearance or heft. I guarantee it to be the best value that you can get any place. It is just the harness for all kinds of farm work, teaming, etc.

11/2 inches by 20 feet, with snap and No. LINES. 1880 buckle.

SPIDERS AND HIP STRAPS. 1½-inch reverse p straps, 1½-inch back straps running to hames, 1-inch rein-up straps.

BREECHING. 2½-inch single strap with 1½ layer sewed around breeching, 1½-inch reverse side straps, 1-inch lazy straps leather reinforced.

POLE STRAPS. 11/2-inch with 1-inch collar straps. BREAST STRAPS. 11/2-inch with No. 46 center snap and slide.

BELLY BAND. 1½-inch solid leather, 1½-inch belly band billets.

FIELD'S BEST FARM HARNESS

I call this harness Field's Best because we have left nothing undone in making it the best farm harness in America today. This is one of the best sets that we are handling this season, made from the very best oak-tanned leather. We are selling it far below the price that you would have to pay retail and it is the best work harness at any price.

BRIDLES. Ring crown style, 1½-inch adjustable crown piece, 1-inch cheeks, 7½-inch nose band, ½-inch adjustable bit strap, ¾-inch throat latch, combination front and winker braces, long round reins. ¾-inch centers, ½-inch rein-up straps attached, No, 47 point bit.

LINES, 1½ inches by 20 feet double and stitched at check adjustment crotch, with snaps included.

TRACES, 1½ inches by 6 feet 2 inches, 3-ply leather, 2-row stitching, heavy leather around hame bolt, 6-link heel chains and swivel clevis.

HAMES. Best grade all steel with genuine 2-inch brass balls, (not brass plated) to fit 18 to 24 inch collars, BELLY BANDS. 1½-inch belly bands and belly band billets, FOLE STRAPS, 1½-inch extra heavy leather, with 1-inch collar straps.

BREAST STRAPS, 1½-inch extra heavy deather, with 1-inch collar straps.

BREAST STRAPS, 1½-inch extra heavy leather, with 1-inch collar straps.

BREAST STRAPS, 1½-inch extra heavy leather, with 1-inch collar straps.

BREAST STRAPS, 1½-inch extra heavy leather, with 1-inch collar straps. SPECIFICATIONS

BACK PADS. All leather, extra large swell, with 6 rows of stitching across pad, solid brass bridges and 1½-inch layer with square dees where market straps

attach to pad.

MARKET STRAPS. 1½-inch heavy double ather, not single as you see on most harness.

BACK STRAPS. 1½-inch, running to hames.

Remember, our prices include long, round-reined bridles, check-up straps, 1½ inches by 20 feet lines and hitch reins without any extra cost to you

Send for our **Special Harness Catalog**. Every page is full of big values just like this one. Harness in all weights, prices and styles and we can save you from \$10.00 to \$25.00 on any of them. This catalog also carries a full line of common collars, adjustable collars, repairs and saddles that are priced to save you money.

OUR REPUTATION IS OUR GUARANTEE

HIP STRAPS. 11/4-inch, 3-ring style to reverse into

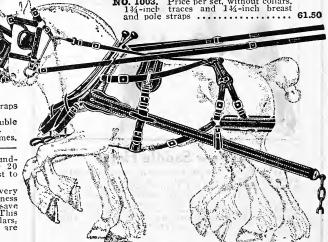
breeching rings.

BREECHING. Heavy 2¼-inch, double and stitched with 1½-inch layer around breeching, 1¼-inch backing straps sewed into breeching rings, trace carriers reinforced with wear leathers attached to breeching to hold up traces. Made all smooth, no creasing. Will fit horses weighing from 1000 to 1800 pounds.

NO. 1002. Price per set, without collars, 1½-inch traces and 1½-inch breast and pole straps\$59.50

NO. 1003. Price per set, without collars, 1½-inch traces and 1½-inch breast and pole straps\$59.50

NO. 1003. Price per set, without collars, 1¾-inch breast and pole straps\$59.50





These lines are all made from the same high quality leather as all of our harness, and are priced to save you money, equipped with metal wear loops,

Field's Special Ring Crown Bridle

Best quality oak-tanned leather with long, round reins. Heavy 1-inch cheeks with round sensible blinds. 1¼-inch adjustable crown piece, combination front and winker braces. For a good serviceable bridle, these have no equal. Order a pair today. Our guarantee stands back of these bridles as with all the rest of our harness—that is, if not entirely satisfied, send them back and get your money.

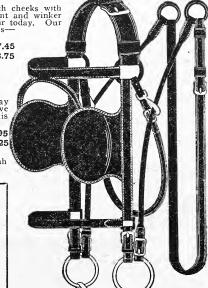
Heavy Leather Halter

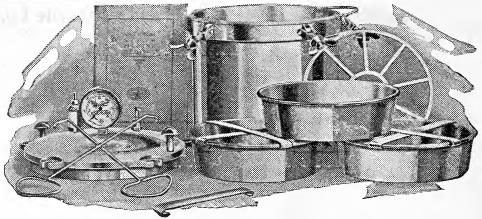
This halter is the best halter on the market today for this money. If you want a halter that will give you the service you have a right to expect, order this one. Laps riveted and made five-ring style.

All our prices are f. o. b. Shenandoah factory.

Special Harness Catalog

Send for our Special Harness Catalog. Every page is full of big values just like this one. Harness in all weights, prices and styles, and we can save you from \$10,00 to \$25,00 on any of them. This catalog also carries a full line of common collars, adjustable collars, repairs and saddles, that are priced to save you money.





The Cooker With its Complete Equipment, Showing the Recipe Book, Aluminum Rack, Three Dishes, Five Balls or Cross Bars, and a Pair of Lifters.

National Pressure Cookers and Canners

I consider the National Pressure Cookers and Canners the greatest modern advance in cookery, and I think that every housewife should have one, so I have put the price down where you can buy one. They are absolutely safe and "fool-proof," economical, and practical. They are guaranteed both by us and by the factory.

Ask your county agent, your home extension exercises.

by us and by the tactory.

Ask your county agent, your home extension agent, or any home economics teacher about Pressure Cookers in general, and the National in particular. The National is made of cast aluminum.

When properly cared for National Cookers may be used three times each day, and will last a lifetime.

Save Time and Money

The National cooks thoroughly, quickly and without waste. It preserves all the flavors and goodness of the food. Three separate dishes of entirely different foods may be cooked in separate dishes at the same time without blending flavors.

Old hens and roosters, if cooked 40 minutes in a National Cooker, will be as tender and nutritious as spring chicken which costs very much more. Similar savings can be made with cuts of beef, mutton or pork.

Judge from your own experience and I am sure you housewives will have to admit that the National will save you many a long hot hour in front of the stove. Just compare National time with open vessel time. The National will cook pot roast or ham in 50 minutes, pork and beans in 40 minutes, chicken in 30 minutes. Can you come anywhere near that? Doesn't it save a surprising lot of actual cooking time? And, it doesn't need to be watched every second, either.

Every home in the United States needs a National Pressure Cooker. It isn't an expense—it is an investment which will commence to pay for itself ten minutes after you start to use it, and pay its owner in money-saving and comfort every day it is used.

Dimensions and Capacities of Cookers

- IIII GII GII GII GII GII GII GI			
Liquid Capacity, Quarts	12	18	25
Interior Diameter, Inches 9	10	$11\frac{1}{2}$	121/2
Interior Height. Inches 8½	í 9	101/2	111/2
Net Weight, Lbs,	16	18	27
Shipping Weight, Lbs	$\bar{2}\bar{3}$	$\tilde{2}\tilde{9}$	35
Will Hold—Pint Jars 5	7	- 8	18
Will Hold—Quart Jars 3	4	5	7
Will Hold—2-Quart Jars 0	0	3	4
Will Hold—No. 1 Cans (½ pt.)10	16	22	35
Will Hold—No. 2 Cans (Pt.)	- 8	14	16
Will Hold—No. 3 Cans (Qt.)	š	- 8	ĨŎ
Will Hold—No. 10 Cans (Gal.) 1	Ĭ	ĭ	- 2
	_	-	
10-quart cooker is for a family of four persons			

10-quart cooker is for a family of four persons. 12-quart cooker is for a family of seven persons. 25-quart cooker is for a family of ten persons.

Lowest Prices Ever! Greatly Reduced

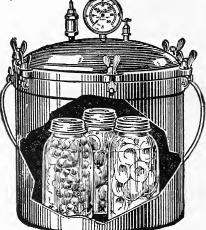
Don't wait any longer. Here's a price that puts the great National in ready reach of every home. Let your hopes of owning a National come true with these new low prices.

come true with the	oc new now prices.		
10-Quart Capaci	ty	was \$16.00-no	w \$14.50
12-Quart Capaci	ty	was \$20.00-no	w \$16.50
18-Quart Capaci	У	was \$24.00-no	w \$18.50
25-Onart Canaci	.v	was 828.00—nc	w s22.00

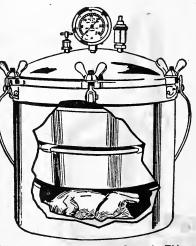
All prices include delivery by parcel post or prepaid express anywhere in the country.

They are sold subject to your approval. Send your order at once and we will make prompt shipment. Full directions included, of course. Ask for booklet if you want to know more about them, but better just order one and let it talk for itself.

Pressure Cookery is taught in domestic science classes in the schools and colleges everywhere. It is the scientific and economical way of cooking meats and vegetables tender, delicious, palatable and nutritious.



The U. S. Cold Pack Method of Canning. "Safety in Canning."



The Entire Meal Ready to Serve in Thirty Minutes. "Speed in Cooking."

Smoked Salt, the Modern Method of Meat Curing

One of the biggest improvements in meat curing in recent years is Smoked Salt, which enables you to salt and smoke your meat all in one operation.

We have been using and selling Old Hickory Smoked Salt for the past two years and can recommend it most highly as it is absolutely satisfactory in every way. We sold nearly two carloads of it last Winter and the customers are all very enthusiastic regarding it.

Old Hickory Smoked Salt is simply the best grade of meat salt, put the

It is used the same as any other salt in the curing of meat. You can use it in dry cure or in brine cure. You can use it in the regular sugar cure. You can use it, in fact, in any way that you would use any other salt in curing meat, using the same amount called for in any good recipe.

The only difference is that when you once get your meat salted it is also smoked, for the smoke enters the meat with the salt and by the time the meat is thoroughly cured with salt it is also fully impregnated with genuine hickory smoke, better than it would be salted first and then smoked afterwards in the usual manner.

When you salt the meat first and then smoke it afterwards it gets hard and the smoke cannot penetrate the meat, but with the use of Old Hickory Smoked Salt, the smoke penetrates the meat right along with the salt, so you have smoke clear to the

bone. Meat keeps better cured with Old Hickory Smoked Salt, tastes

Meat keeps better cured with Old Hickory Smoked Salt, tastes better and is very much less work.

You get rid of the smoke house with all its dirt, labor and fire risk. You save all the time that you would ordinarily take in the smoking process.

All you have to do is to put the meat through the ordinary salt cure, whatever process you use, then wipe it off and hang it up. It is salted and smoked, too, and ready to keep all Summer and all Winter if necessary.

It saves the cost of building a smoke house and all the work of smoking. The smoke flavor does not dry out of the hams and bacon and make the drippings too strong for other cooking. The flavor is unsurpassed. No noticeable shrinkage of meat by using this process. By using the directions furnished nobody can fail to get good results.

This Old Hickory Smoked Salt is not at all expensive. It sells at \$1.25 for a 10-pound carton, which is sufficient to treat 125 pounds of meat. Prices are f. o. b. here.

It can be bought in most grocery stores, but if they do not have it, send to us and we can send it to you from here. The price is the same wherever you get it, \$1.25 per carton of 10 pounds, net, f. o. b. Shenandoah.

Full directions come with the salt, which are simple enough that anyone can follow.

FREE MEAT CURING BOOKLET AND SAMPLES
The smoked Salt people send out the best book on meat curing that I have ever read. It gives a number of splendid recipes for curing meat. Gives full instructions about buttering and everything along that line. It is a book worth having and will be sent absolutely free of charge. If you are interested in home curing of meat, write for this book and it will be sent to you along with sample of Smoked Salt.

Take no chances with your **Home Butchered**



Of course you will cure your meat this season with Smoked Salt. It will save shrinkage, labor, fire risk and worry. It will give you better flavor and perfect cure. But be sure to get the original and genuine

OldHickory **SMOKED SALT**

The only meat salt that is as good for table use as for curing meat. Smell it. Taste it. You can tell it at once from salt that has been mixed with pyroligneous acid or other dangerous chemicals.

We have it. Packed in ten pound drums and guaranteed genuine.

SEND YOUR ORDER TO US
Send your order for Smoked Salt to us.
We have a carload of it on hand here at
all times in the meat curing season and can
give you prompt shipment. We can furnish
you any quantity you want, but remember it
comes only in 10-pound sealed cartons, so
don't order odd amounts.

McQueen's Inoculator

BE SURE TO INOCULATE ALL LEGUMES.

MCQueen's Inoculator insures a good stand, increased yields, hastens maturity, puts a nitrogen factory right on your farm.

The farmers are rapidly learning the value of inoculation as a means of securing a good stand of leguminous crops, such as alfalfa, all clovers, peas and beans, in fact, inoculate all pod bearing plants. Inoculation gives the roots of your plants the power of taking nitrogen from the air and storing it in the soil to be used by future crops. A good inoculated legume crop will store 100 pounds of nitrogen in your soil per acre.

We have been experimenting for several years with inoculation and have chosen McQueen's Inoculator as being the best, because the bacteria in McQueen's are raised under actual field conditions, by a real dirt farmer. They are also bred and reared under adverse conditions so that they will be able to survive adverse your field conditions. This inoculation doesn't cost much, you can buy a bushel size can for \$1.00 which is enough to treat 60 pounds of alfalfa or clover and will treat 100 pounds of the larger seeded legumes like peas or beans.

Folks, you can not afford to plant any legume with-out inoculating it, so "For The Land's Sake" use Mc-Queen's Inoculator. Very easy to apply, full direc-tions on each can, and when ordering inoculation,

Queen's Inoculator. Very easy to apply, full directions on each can, and when ordering inoculation, be sure to tell us what legume you are going to treat as there is a different kind of bacteria for each one. The guarantee with McQueen's Inoculator is as follows: Use as many packages as you wish, according to directions, and if nodwies do not appear on the roots of your plants in a satisfactory manner, we will refund the entire purchase price. That is the strongest guarantee I ever heard of but McQueen says it is O. K., so we are selling all inoculation fully guaranteed.

POSTPAID PRICES

 ½ bushel size
 \$0.50

 1 bushel size
 1.00

 6 bushel size
 5.00
 10 bushel size Garden size (combination)

Inoculation for Soy Beans, Cow Peas, Vetch and all large-seeded Legumes, 50c per bushel.

(Be sure to name the legume you are going to treat).

Cyclone Broadcast Seed Sower \$2.25

This is the best Seeder made at any price. It is roomy, strong, works evenly, and will sow any kind of seed any de-sired thick-ness. It is fully guaranteed, and not perfectly satisfactory may be returned at our expense. Price, \$2.25 f. o. b. here. If wanthere. If wanted by parcel post, add postage for 5 lbs.



Field's Super Quality Oils and Greases All Priced to Sell and All Guaranteed

About Specifications

Specifications count all right, but you'd have to be a professional engineer to get all they mean. What counts is a high flash test and a high fire test, and good viscosity. Unless an oil shows good in these things it evaporates right off of the cylinder walls, gets thin quickly and friction starts to wear out your motor. Oil evaporates at certain temperatures and the specifications only show how much motor heat it will stand. Poor oil not only evaporates rapidly and keeps you adding a quart all the time, but it also fails to keep the wearing parts properly lubricated. Super Quality Oil has specifications that are as good as any and better than 90 per cent of the oils sold today.

And Carbon

We all know something about carbon, but I never knew until all these oil men showed me, that there are a lot of lades of carbon. Some flintlike carbon and some soft and father. Some in between And, the kind you're going to have in your motor and how much of it is decided beforefund by the motor oil you use.

It carefully selecting the crude oil from which the lubricating oil is made, a company can make an oil that practically puts an englic the carbon nuisance. It costs a little more but we wanted the best and have it in our Super Quality Oils, as nearly perfect in preventing carbon as is possible.

About Color

Color of oil in hardly worth talking about, excepting that it must be a class color. Some of the brightest, best looking oils sold are arely fit to use and certainly not to be trusted if you thin! much of your motor. Besides, without much trouble or expense color can almost be made to order. I told the company making our oils and greases to put in the quality and we'd take the color as it comes. All that, Super Quality Oil has a dandy nice color, and better yet, it will do the business.

100 Per Cent Paraffin Base

Whether voit buy oil from us or not, always insist on it being 100 per cent Paraffin Base. That means, that the oil is refined from crude oil which comes from a Paraffin Base oil field. Oil from either one doesn't have any parafin or asphalt in it, but it merely shows from what kind of a crude product it was made. The Paraffin Base oils all have better specifications and give much better lubrication. The Asphalt Base oils are usually bad for carbon, too. Any sensible and honest oil man will tell you to use only 100 per cent Paraffin Base oils. Super Quality Oil is guaranteed 100 per cent Paraffin Base. It is perfect in that respect,

But It's All Up to You and Your

All the tests made in laboratories and everything else good about oil must be brought down to the test of experience. Mileage, and a smoother running, better conditioned motor, are the only way to finally judge. Results count and I guarantee them to be satisfactory or your money back. You try Super Quality Oil and if it isn't right up with the best and way ahead of most oils, send it back.

Another thing, my Super Quality Oil won't vary every time you buy it like some oils do. It will be consistently the best quality. You can depend on that, too.

All Containers Free on Oils and Greases

We are making no extra charge for barrels, drums, cans or pails in pricing our oils. Remember that in comparing prices. At the price we name, the barrel or drum or other container is thrown in with no charge for it. And the larger sizes, the 55, 30 and 15 gallon sizes are returnable for credit on future orders. orders.

O* course, we can't take back the one-gallon and five-gallon cans at all. The best thing to do is to order in the larger sizes and take advantage of the better deal. However, the five-gallon drum is a dandy, strong one with a handy cap, an all-around held drum that I think you'd like to have around the place.

Order your oil from us just like you do any place: medium, heavy or whatever weight you use. We guarantee it and will stand back of it to give satisfactory service all around. You won't know what fine oil and what worth while savings we are offering until you try Super Quality Oil at our risk. I hope you watch it carefully when you make the change. You'll see the difference in

make the change. You'll see the difference in mileage and power, and I'll make a good oil customer in the bar-



Handy Sturdy Drum

All five-gallon orders will be sent out in this drum, which is a fine one. The right size and strong enough to be of real use long after the oil is all gone. It's not just a can, by any means, Has a snap-on cap that is handy, too. You will like this drum and want it for the service it will give you in the field or any place else. It will stand hard knocks.

Oils That Will Stand the Test of Mileage PRICES THAT WILL STAND THE TEST OF COMPARISON The list is the result of the closest but

The following price list is the result of the closest buying we could make, taking full advantage of the great amount of oil we will sell and giving you all of that advantage we possibly could, after setting aside just a fair profit to us. I don't think anyone could buy this high quality oil any cheaper than we are buying it. And, I know that no one else can afford to sell it on the small margin we are taking.

We Guarantee Our Oils and Greases

I guarantee all of these Motor Oils, Special Oils. Cup Grease, Gear Grease, and all of our oil line to be exactly as represented. I guarantee them to be as good as any oil and better than at least 90 per cent of them. I want you to try these oils and greases, and if they are not just what I say they are—send them back and your money will be refunded.

Heavy steel barrels or drums included at these prices, returnable for credit.

Grade	55 Gallons Approximate Shipping Weight 460 lbs. Price per Gal.	30 Gallons Approximate Shipping Weight 250 lbs. Price per Gal.	15 Gallons Approximate Shipping Weight 125 lbs. Price per Gal.	5 Gallons Approximate Shipping Weight 40 lbs. Price per Gal.
Light Medium Heavy Extra Heavy Fordson Tractor Tractor Medium Tractor Heavy Ford Non-Chatter	49 c	51 c	56c	59c
	54 c	56c	61c	64c
	59 c	61c	66c	69c
	63 c	65c	70c	73c
	60 c	62c	67c	70c
	58 c	60c	65c	68c
	60 c	62c	67c	70c
	57 c	59c	64c	67c

Special Oils	5 Gallons Approximate Shipping Weight 40 lbs. Price per Gal.	1 Gallon Approximate Shipping Weight 9 lbs. Price per Gal.	These Prices are F.O.B. Shenandoah
Heavy Green Harvester Oil Castor Machine Oil Hand Separator Oil Steam Cylinder Oil Harness Dip Oil (Light or Dark)	56c 59c 55c 61c 66c	63c 66c 72c 68c 73c	Steel Drums Included

Non-Chatter Oil for Fords

The Real Thing at a Real Price

You Ford owners know that it takes a better oil to keep a Ford running smooth than any other car, because Ford oil has to lubricate the motor and also keep the bands in good shape. Does double duty.

My Non-Chatter Oil will absolutely take the kinks out of jerky, jumpy Ford bands. It has full lubrication body to keep the motor right and the bands in smooth action. In fact, my Non-Chatter Ford Oil is a triple-function oil—giving the motor perfect lubrication, giving the bands smooth action, and last but not least, keeping the motor as free from carbon as any oil made.

Try this and see. Get this Non-Chatter oil of mine and put it in your Ford when the bands are grabbing their worst. Drive it a hundred yards or so and see the difference. If it isn't there and over, send the rest back and I'll give you what you used in trying it out. If your bands are any good at all, this oil will sure work fine. It's the real thing at a special low price. (See prices on preceding page).

Cup Grease



The greatest trouble with most cup greases is drying up. They are sometimes made so flimsy and light that they can't stand exposure to the air. The experts call that oxidizing and when you find your cup grease caking up on the job you can clean it out for all the good it will do. cakı... clean it il do.

clean it out for an inc social will do.

This cup grease will be what you need and will stay that way for you. And don't be sparing in using it, either. Where oil and grease costs pennies and dimes, repairs cost dollars and many of them, sometimes. Save money on your cup grease. These prices point the way.

CUP GREASE

100	lbs.						.10c	per	lb.
25	lbs.						.11c	per	lb.
10	lbs.						.12c	per	lb.
	f. o.	b.	S	h	eı	2	ando	ah.	

Cattle Spray Reaches Farther Than the Cow's

We didn't use to have this helper in my younger days and I guess some folks will never come to it. Just the same it's sensible and worth the money. There's no use fighting flies if you can lick them before they start. Cows are better easier to handle and all. Some even say the milk is better. It doesn't take much time and very little expense to put an end to the fly nuisance. There's this much certain about it—you'll not know how much relief it is till you try and here's a price that ought to help.

CATTLE FLY SPRAY

1	gallon .			 	 \$1.10
5	gallons	(per	gal.)	 	 \$1.00

(You pay the freight)

An All-Utility Hard Oil

This is the hard oil for general use and it is just as good as any made anywhere. No drying up to worry about. In fact, if you use Super Quality Hard Oil you won't have to worry at all.

Here again I want you to give a thought to price. I know I have said a lot about prices, but I am glad I can. Nothing I like better than to put prices within reach of everyone and at the same time be able to talk a little more than the rest of them about guaranteed quality. It's a combination you can't beat.

HARD OIL

10	lbs.																.13c	per	1b.
25	lbs.																.12c	per	lb.
100	lbs.			٠	•												.llc	per	lb.

f. o. b. Shenandoah.

Lubrication is one kind of motor and farm implement insurance. It prevents friction and rust and worn parts. It pays for itself many times over even at prices you have been giving for it. Now, at these prices and with my guaranteed quality you can afford to use plenty of oil and grease. Buy the larger quantities and save time and money.

Housewives Will Welcome This Spray

Nearly all the big oil companies made a fly spray for household use and it looks like the day of the old fly swatter is over. We've got a dandy spray here and want you to try it. As usual, we'll do the guaranteeing.

It's harmless to everyone and won't spoil curtains or tablecloths or wall paper. But, flies and moths can't stand it at all. You will kill them off in a jiffy. A little of it goes a long ways. I am sure you can't come near this for a price.

FLY AND MOTH SPRAY 1 gallon \$3.25

f. o. b. Shenandoah. Special Hog Oil

I got the oil company to make this up for me special. It is a clean hog oil, straw colored, that flows freely, will not stain, does the work and is all right in every way.

Golden Hog Oil is medicated, too, so it keeps the hogs skins clean and soft and free of parasites. Better for all hogs than any I have ever seen. White hog men and Spotted Poland China men can use it seen. White nog men and Spotted Poland China men can use it freely, as it does not discolor the hair: if anything, it makes it look better. Nonpoisonous, non-injuratous. Just the thing and priced for popular sale.



lar sale.

1 gallon

5 gallons

15 gallons .70c .60c per gal. .56c per gal. (You pay the freight)

Axle Grease

First of all the axle grease itself is made for all-around weather. Heavy enough with the right consistency to stay on the job. Then, the graphite has a special function. I always like a graphite grease myself. It seemed to keep thines in better shape and longer, too. The reason is that the graphite fills into any irregularities and keeps up a smooth surface.

Super Quality Graphite Axle Grease has the right

Super Quality Graphite Axle Grease has the right weight and it has the graphite to complete the job as it ought to be done. The prices are down where you can well see the big saving yourself, and I guess you will be interested in that.

	G	RAPHI	TE DA	RK A	KLE (GREASE		
10	lbs.					10c	per	lb.
25	lbs.					<u>8</u> c	per	110.
100	lbs.					7c	per	16.
			T. O. D. S	snenan	anan.			

High Pressure Gun Grease

Here again we have the kind of grease needed. If you have ever had any trouble finding the right gun grease you can forget it now. Super Quality Gun Grease will work of K. in any grease gun and you can depend on it to lubricate perfectly. The price is put down to show a substantial saving.

I believe that grease and oil, at any price, is cheaper than worn out parts and repair bills. Wherever there's a squeak there is wear, you can depend on that. And squeaks sooner or later kick up an expensive fuss and deprive you of your car while repairs are made. These prices invite you to give your motor the care it deserves.

HIGH PRESSURE GUN GREASE 10 lbs. 25 lbs. 100 lbs. f. o. b. Shenandoah.

Gear Grease

The gears are out of sight and most of us neglect them until they begin to growl or until we get hauled in with the gears gone bad. A barking dog may not always bite, but look out when gears growl. Or, better still, look out

but look out when gears growl. Or, better still, look out beforehand.

Super Quality Gear Grease is special for gear duty. It is stringy and stays right on the gears. Follows them all the way around and keeps them coated with absolute protection. New gears need particular care to keep them like new. Worn gears need particular attention to keep them from howling and from going completely bad. You will be wise to have a supply and use it freely.

f. o. b. Shenandoah.

Field's Shenandoal Never in the history of the ture industry has a tre grown in popularity so fast as Henry Field's Shenandoah Tires and Heavy Red Tubes, so there must be a good reason; yes, there are many good reasons. First, before entering into the tire business we scoured the country to find a factory that had a reputation of making a quality tire and still didn't have so much overhead expense that, they couldn't make us a price competitive.



couldn't make us a price compettive with the largest Mail Order bouses. Second, having a quality tire, we were not afraid to tell the world about it, through our catalog and over the radio, until the world knows that we are selling tires; and as we have a reputation of standing use they are built for A Car Load of Field's Shenandoah Tires. back of what we sell, folks were eager to give our tires a trial, and a trial is all that they need because they are built for service. Then, we are close to our customers, folks know us and we are handy if they should have any trouble, it isn't like sending clear across the United States for a tire, and if it should go bad, the express charges would cost as much as the tire.

Here Is a Guarantee That Means Something

Besides quoting you the lowest prices ever quoted on a high quality tire, when you buy a Shenandoah Cord tire you get the strongest guarantee that is possible to give on a tire. We guarantee 12,000 miles of service and we put no time limit on the guarantee, if at any time a defect in material or workmanship should develop we will repair the tire free of charge or replace it with a new one, charging you only with the mileage received. This is definite final proof of the quality that is in our Shenandoah Cord Tires.

Shenandoah Balloon Tires

All 6 ply except the 29x4.40. 12,000 Miles Guarantee

My guarantee for 12,000 miles Guarantee

My guarantee for 12,000 miles on Henry Field's Shenandoah

Cords completely protects you on the quality of Shenandoah Tires.

If the higher priced tires are as good or better than the Shenandoah tire, why don't they put a mileage guarantee of 15,000 or 20,000 miles on them to take up the slack in the difference in the cost? You wouldn't pay 35c for a gallon of gas that would only take you 20 miles if you could buy the same gas at another place for 20c that, was guaranteed to take you 20 miles, would you?

The same thing applies to tires; it's mileage you want and that's what we guarantee, 12,000 miles of it.

what we guarantee, 12,000 miles of it.

WHY 6 PLY BALLOONS?

Everyone who has used balloon tires has probably had more than the usual trouble with punctures. Partly because the balloons naturally run soft and partly because they have so large a surface on the ground.

It looked to us like the only remedy was to make the balloons heavier—6 bly. We were making our balloons the same as other No. I tires, 4 bly, but we wanted something better—something that wouldn't puncture every time you run over a tack So. about October 1st, we began making all our balloons 6 ply (except the 29x4.40, which would be too stiff if made 6 ply). and that is the way they are made now, 6 bly.

Very few other makes are made this heavy but we wanted the best, so we did it. And did it without extra charge We are absorbing the extra cost ourselves without raising the price. So if you have had trouble with punctures in halloon tires, try our 6 bly balloons.

29 x 4.40 4 ply \$10.90 29 x 4.95 \$15.35 6 ply 30 x 4.95 6 ply 30 x 5.25 6 ply \$16.95

My 12,000 Mile Guarantee Completely Protects You 30 x 5.77 6 ply **\$2**1 15 31 x 5.25 6 ply 33 x 6.00 6 ply



Field's Shenandoah

Cord Tires

Great things have happened in the tire industry since we have entered the automobile tire business. The manufacturers have been amazed at the popularity of Henry Field's Shenandoah Thres and dealers everywhere complained that they could not meet Field's quality and sell at the low prices we quoted on our high grade tire. Something had to be done and here is what happened.

Almost every tire manufacturer in the country has brought out an entirely new line of low priced tires; they admit it is their second grade tire and they have given it a different name; it isn't hard for you to figure out what they've done they have either cut the quality of their fabric, rubber, or both, cut down the size of the tire or skimped on the workmanship.

fabric, rubber, or both, cut down the size of the workmanship.

But even this does not change the minds of people who are buying Shenandoah Cords for our sales are growing by leaps and bounds, and I want my customers and friends to know that Henry Field has not or will not cheapen the quality of this Shenandoah Cord Tire to meet low priced competition nor will we come out with a second grade tire that we know will not give people service. Whenever the time comes that we cannot give you a high grade, first quality tire for the least amount of money, we will just give the boys in the tire department a hoe and send them back out with the boys in the field, hoeing the weeds out of the flower gardens.

How Shenandoah Tires Are Made



A Real Non-Skid Feature

Why We Are Able to Quote These New Low Prices

Our business has grown so fast that we have hardly been able to get tires fast enough to fill the orders: this enables us to give you a much better price, because the more tires we sell the cheaper we can buy them and the less it costs us to handle them; in fact, you are your own tire dealer when you buy your tires of us, you buy direct, the same as the tire dealer, only you buy them even cheaper, because there is no branch house or jobber to take out a share of the profits, you save it all.

Shenandoah Cords Are Low-Pressure Tires

The day of high-pressure tires is past; nobody these days will ride on a tire that rides like a solid tire, so when we entered the tire business we knew that it was necessary to have low-pressure tires if we were to build up a substantial business, so our tires are all made with Balloon Cord Fabric, completely impregnated with pure gum and are made pliable enough to run with 35 or 40 pounds of air pressure, especially if you have tires large enough to carry the weight of your car.

Why We Can Sell Them So Cheap

We own our own molds, so the factory making our tires has no investment in expensive mold equipment; they just make the tires for according to our specifications, and we, thereby, eliminate all advertising and sales expense, branch house operation expense, including warehousing and storage, losses on bad credits, and many other expenses; this enables us to sell as good a tire as can be made at the lowest possible cost to the customer.



Field's "SHENANDOAH" Tires and Tubes

A Fair Proposition to Everyone

All I ask of you or anyone, is to give the "SHENANDOAH" tires a trial. I'll go more than half way by putting the price tight down to bedrock and guaranteeing you'll be fully satisfied with the mileage and service. Anyway you take it, the "SHENANDOAH" is more tire for the money than you can get elsewhere. If you need tires and tubes, compare the values I offer you here with any.

About Our Inner Tubes EXTRA HEAVY—EXTRA REASONABLE

These are positively the best tubes that can be made by the factory we buy from, and this factory is way up in the tire business, as big as most of them. They are extra heavy and will give extra

Prices Subject To Change Without Notice

Tire prices are always subject to change without notice, due to fluctuations in the rubber market. These are the sizes most used and those that we are having made under our own "SHENAN-DOAH" brand. If your size is not listed, write for special quotations.

Revised Price List of Jan. 1, 1927

Prices are net f. o. b. Shenandoah, Postage or express extra.

Regular Clincher Style — Anti-Skid Cords INNER TUBES

Size	Approximate Shipping Weight	Price	Approximate Shipping Weight Price
30 x 3 30 x 3½ 30 x 3½	Regular Size 131/2 Heavy Duty 15	\$7.25 7.95 9.25	2 21/2 21/2 21/2 3.00 2.00

Straight Side - Anti-Skid Full Overside Cords INNER TUBES

Size	Approximate Shipping Weight	Price	Approximate Shipping Weight	Price
30 x 3½	15	\$10.25		\$2.00
31 x 4	21	15.45		2.81
32 x 4	22	15.70		2.91
33 x 4	23	16.25		3.00
33 x 4½	25	22.25		3.58
34 x 4½	27	22.75		3.84

Truck Cords-Straight Side for Ford Trucks TIRES INNER TUBES

Size	Approximate Shipping Weight	Price	Approximate Shipping Weight	Price
30 x 5	37½	\$30.40		\$4.14
32 x 4½	29	27.90		3.63

Balloon Cords

(All 6 ply except the 29 x 4.40) TIRES INNER TUBES

Size	Approximate Shipping Weight	Price	Approximate Shipping Weight	Price
29 x 4.40	15	\$10.90	4	\$2.67
29 x 4.95	22	15.35	4	3.09
30 x 4.95	24	15.75	4	3.32
30 x 5.25	25	16.95	4	3.66
31 x 5.25	25	17.75	4	3.77
30 x 5.77	25	21.15	5	4.28
33 x 6.00	29	24.50	6	4.98

"SHENANDOAH" Tire Covers

Size '	Price	Size	Price
30 x 3½	\$1.25	31 x 5.25	\$1.75
29 x 4.40	1.25	32 x 4.95	1.75
29 x 4.75	1.50	30 x 5.77	2.25
30 x 4.95	1.45	30 x 6.00	2.25

Allow for postage if wanted by parcel post.

We guarantee these Cord tires against defects of material or workmanship, on a basis of 12,000 miles service and our Balloon Cords in the same manner, for 12,000 miles. If they are treated right and kept under oroper pressure, you should get many thousand miles more of service from them than we guarantee. Send us your order for "SHENAN-DOAH" tires and you can forget all about tires for months afterwards. Prompt shipment, direct from Shenandoah.

All New Fresh Stock

Shenandoah Tires are made up and shipped direct to us the same day, right hot out of the molds, they do not have a chance to lay around in a warehouse or storage for six months or a year before they are shipped to us. You can tell by feeling of a Shenandoah Cord that the rubber is alive, it is soft and pliable, it does not have time to get hard and brittle before the customer gets it, and that is another reason for the long mileage you will receive from Shenandoah Cord Tires.

Why We Are Selling Tires

Our idea of selling tires was not so much to make a lot of money out of the tire business as to keep a lot of our help busy during the dull season when the seed and nursery business is slow. We have had thousands of visitors at the seed house this Summer and they all remark about how the seed house looks more like a tire factory than it does a seed house.

Ask Any Tire Dealer These Questions

How much extra profits are added to the actory?
Why has the factory that makes your tire limited the guarantee to 90 days instead of 12,000 miles?

Has your tire a real non-skid feature? If the says it has, compare it with the Shenandoah Cord and see for yourself.

Odd Sized Tires

Here are some irregular sizes that we do not carry but can furnish under the factory brand and which we guarantee as to quality and service as fully as our own brand.

TIRES

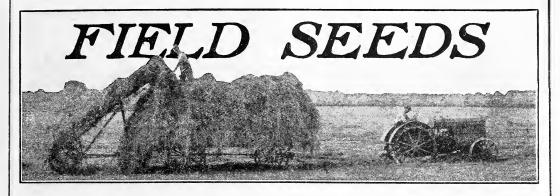
Size	Price
32 x 31/2	Oversize Cord\$12.55
34 x 4	Oversize Cord 18.25
33 x 5	8-Ply Truck Cord 35.50
34 x 5	8-Ply Truck Cord 36.50
35 x 5	8-Ply Truck Cord 36.75
36 x 6	12-Ply Truck Cord 55.75
31 x 4.40	Cl. Balloon Type 12.65
31 x 4.40	S. S. Balloon Type 13.65

				1	L.	U	Ł	В,	E	S	•								
Size 12 x 3½ .																			Price \$2.30
	:		•	٠			٠			•		•		•				٠.	
7			-												:	į		:	4.55
6 x 6 .													٠.						7.55
1 x 4.40 .	•																		3.05

All prices are f. o. b. Shenandoah.



Corn is King But We Need Legumes to Make Corn Corn is the great deatral West and for all the great Central West of the bishest quality — Corn that will really grow and come true to type. Single ear tested if necessary. Shenandoah Yellow Corn We grow many varieties, but Shenandoah Yellow Corn We grow many varieties, but Shenandoah Yellow Corner the Shenandoah Yellow Corner the Shenandoah Shena Soy Beans With Soy Beans you can improvyour land without missing a crog Easy to grow, profitable, effective Whave all varieties. Ask for prices



Mr. Farmer:

Spring time will soon be here, and that, of course, means seeding time. Look over our list of field seeds, which will be sold to you with a guarantee that you must be satisfied or there is no trade. We are urging you to buy your field seeds early so that they will have time to reach you by freight, and you will also have time to test them thoroughly bethey will have time to reach you by freight, and you will also have time to test them thoroughly before planting. Buy your seeds from a reliable seedsman, one with a reputation. We are proud to say that through our fair dealings with our customers, we are now rated as the largest mail order seed company in the United States. We could not afford to sell you seed of inferior quality because our reputation is at stake. Buy seeds of known origin. The locality where they are grown determines to a great degree their adaptability and productiveness under the conditions prevailing on your farm. For example, alfalfa seed is grown in Montana, the Dakotas, Nebraska, Kansas, Utah and Arizona, yet not one of these states produces the best seed for every region where alfalfa is planted. If you do not already know from what producing sections you should choose your seeds of various kinds, ask your State Experiment Station.

The larger the seed house, the greater its capacity for acquiring in large quantities the many varieties of seed adaptable for each and every locality where seeds are used.

Whatever the requirements of your locality are

seeds are used,

of seed adaptable for each and every locality where seeds are used.

Whatever the requirements of your locality are, we can supply you, for we buy seeds from all parts of the United States. Let me urge you to buy your field seeds from reliable seedsmen, and buy seeds of known origin. Buy only seed that shows a high germination and purity test, because the best of seed is always the cheapest in the long run.

On our tags you will find the germination and purity test of all the seed we sell. Our germination tests are made under conditions that give a true indication of the vigor and vitality of the seed. Each lot of seed is also carefully examined for the presence of weed seeds, by experienced analysts. Much of this work is done solely to comply with our own rigid standards, and also the lowa seed law.

We have been in the seed business 35 years, and our experience in buying assures you of receiving the very best that can be had in the field seed line.

We are just as much interested in you after selling you, as we were before, because we want your fields to be growing advertisements for us.

I wish we could guarantee our field seed prices clear through the planting season, but this cannot be done, because the markets on field seeds change very rapidly, so if you cannot buy now, ask for our new price list before ordering. If the market drops, we are always glad to give you the benefit of the drop. Our desire is to help you in every way to grow bigger and better crops by selling you the right kind of seed. We do not handle any foreign clover or alfalfa.

If you have any questions about the growing of crops or about the handling of your soil, we will try to answer such questions as we can and would appreciate if when writing about soil, you would give us as much information as possible about the lay of the land, the texture of the soil, etc. You can send samples of your soils to the State Experiment colleges and they will be glad to test the soil out for you and tell you exactly what it needs for certain crops.

We have some inquiries about certain fertilizers, like bone meal, acid phosphate, crushed limestone and other items, but these we do not carry in stock. The only fertilizer we handle is the Vigoro, also the Sheepo, which are both complete fertilizers.

THE FIELD SEEDS WE CARRY

THE FIELD SEEDS WE CARRY

On account of lack of space, we are unable to go into details about the different kinds of field seeds we carry, but here is a condensed list of what we carry in stock, and you will find them priced in the field seed price list. In the Alfalfas, we have Poor But Honest, Mixed Hardy second grade, Mid-West (Kansas-Nebraska grown), Northwestern grown hardy, Dakota No. 12 extra hardy, Grimm, Cossack super-hardy. In the Clovers, we carry Medium or Common Red, Mammoth, Alsike, White Dutch. In the Timothy, and its mixtures, we carry Timothy, Timothy-Alsike, Timothy-Red Clover, Timothy-Mammoth Red Clover. In the Blue Grasses and Lawn Grass, Canadian Blue Grass, English Blue Grass, also Lawn Grass Mixture and Shady Nook Mixture. The other grasses we carry are Red Top fancy solid, Orchard Grass, Pacey's Rye Grass, Italian Rye Grass, New Zealand Chewings Fescue, Red Fescue, Permanent Pasture Mixture, Permanent Meadow Mixture and Lowland Pasture Mixture, Sudan, Dwarf Essex Rape, Sunflower Seed, Hog Pasture Mixture, Kaffir Corn, Milo Maize, Feterita, Fodder Cane, Syrup Cane (several varieties), Vetch, Soy Beans, Ito-San, Midwest, Pekin, Manchu, Virginia, Stock Peas; Millet, (both Golden and Common or Fodder). Small grains, Spring Wheat (Marquis), Buckwheat, Oats—lowa No. 103, White Kherson, Barley Bearded, Cyclone Seeders, Pulverized Sheep Manure, Uspulun Vigoro and Seed Inoculators.

If you are interested in any field seeds which are not listed here, you may drop us a line and perhaps we can locate them for you, but this list includes the general line which we carry on hand at practically all



Alfalfa is the Best Crop on the Farm.



A Good Field of Alfalfa-The Best Crop on the Farm.

Alfalfa --- Queen of all Hay and Pasture Crops

GOOD ALFALFA SEED

GOOD ALFALFA SEED

Be sure you're right, then go ahead. You don't have to buy cheap Alfalfa seed—not in this day and age Be sure the Alfalfa you buy is free from dodder Canadian thistle and any other noxious weed seed whether you buy your seed from me or someone else Look it over carefully—if you doubt your own eyes have your County Agent look it over, or send a sample to your State Experiment College and abide by their decision. We have been in the seed business 35 years and could not afford to sell you poor seed for our reputation is at stake. Every year, we ship Alfalfa seed to every state in the Union And buy our seed direct from the growers and endeavor to handle absolutely the best there is. Remember our alfalfa is sold to you subject to your test and approval, or that of any State or National Experiment Station, on a money-back guarantee.

WHERE IT IS GROWN

In buying Alfalfa seed, it is very important to know the origin of the seed. The locality where they were grown, determines to a great degree their adaptabilty to and productiveness under the conditions prevailing on your farm. Generally speaking Alfalfa should be grown not necessarily in the same region, but preferably in a region where the conditions are similar to those where they are to be planted. Alfalfa is grown



Alfalfa-2 to 3 Tons Per Acre Per Cutting.

in many different states, vet no one of these states produces the best seed for every region where Alfalfa is planted. If you do not know from what producing section you should choose your seed. ask your County Agent. or your State Experiment Station. By all means, buy seeds of known origin from a reliable seedsman.

CLEAN SEED

Clean seed is always the cheapest in the long run. Every pound of Alfalfa seed we offer you has been thoroughly recleaned. We have the very latest cleaning mills, and our seed is not to be compared with country run, sometimes offered at cheap prices, which are really not so cheap when you get a lot of weed seed. A long established house with a high reputation to uphold and large number of customers to satisfy, will take every possible care to have its Alfalfa thoroughly recleaned. recleaned.

RATE OF SEEDING

Grimm and Cossack have the branching root system, consequently do not have to be seeded quite as heavily as the common types. Twelve pounds of either Grimm or Cossack should be seeded per acre; while the common types like Midwest and Dakota No. 12 should be seeded at the rate of 15 to 20 pounds per acre. Use these amounts either with or without a nurse crop. Ask for our alfalfa leaflet, also any samples you want to see before buying.

Varieties of Alfalfa

MID-WEST (Kansas-Nebraska). From Nebraska and Kansas we obtain a high grade of seed that is hard to beat for corn belt conditions. The fact is, we have seed from the Dakotas, anywhere in the United States. This strain is usually priced lower than the Northern varieties, owing to the fact that there is a larger supply of seed of this strain than any other. Use 15 to 20 pounds of seed per acre.

Use 15 to 20 pounds or seed per acre.

DAKOTA NO. 12. By the process of elimination, or survival of the fittest, a number of fields planted to Alfalfa in the Dakotas years ago have hung on against great odds, until today, the seed coming from these old established fields is much in demand. This seed is known as Dakota No. 12. Many fields are doubtless of the Grimm type, but due to the change of land ownership, the pedigree has become lost, and therefore, an affidavit cannot be furnished. To those demanding a hardy field of Alfalfa and not wishing to pay the higher cost of Grimm or Cossack, by all means choose Dakota No. 12. Our trade is rapidly turning to this variety. Use from 15 to 20 pounds per acre. per acre.

per acre.

GRIMM. This is a very hardy, time-tried variety. It has been tested thoroughly throughout the United States and a good many foreign countries and Canada. It has the characteristic of spreading branching root system, large spreading crowns and the underground buds by which a thin stand will be thickened up. If you have hard-pan subsoil to contend with or a high water level, use this type of Alfalfa. It is one variety that will grow where other varieties fall. Our Grimm seed comes from Western Nebraska, Western Dakotas and Montana, where the annual rainfall is around 15 inches, and the Summers are hot and dry, and Winters very severe. Our Grimm seed all comes from registered and pedigreed fields, and we can furnish affidavits to that effect, so you are assured of getting genuine Grimm. Use from 10 to 12 pounds of seed per acre.

VARIETIES OF ALFALFA—Continued

COSSACK. The Government has spent thousands of dollars for a comparatively few pounds of Cossack seed, and went to great pains to secure absolutely the hardiest Alfalfa in the world. Prof. Hansen, now of North Dakota, secured this seed for the Government and brought it to this country, where it was carefully propagated and reproduced, until today there is a fairly plentiful supply. It has the same underground root system and spreading crowns. In fact, it looks very much like Grimm. But those who have tried Cossack as a hay and seed crop, contend that it is a heavier yielder of both. It also has a greater variation of blossoms. It has never been known to winter-kill under any conditions, after it is once established, unless it would be a severe ice sheet. The seed we have to offer you is genuine,

coming from registered fields, and we can furnish an affidavit to this effect if you want it. Use from 10 to 12 lbs. per acre.

INOCULATION

We believe thoroughly in inoculation. The cost is a trifling matter. One-bushel size of McQueen's Inoculator will cost you \$1.00. and will treat 60 pounds of seed. Inoculation insures a catch, hastens maturity, increases the crop, improves its quality, enriches the soil and means success with Alfalfa.

PRICES

See monthly price list, or write for latest prices. We always sell it worth the money. If you don't feel like buying now, be sure to get our new prices, before buying elsewhere.

Sweet Clover Soil Improvement and Cash Crop

Sweet clover fits well into a rotation. It improves the soil; it supplies abundant pasture; it makes excellent hay, also bee pasture, and besides all this, it furnishes a cash seed crop.

Soil. There is greater danger of the seed bed being too loose than too firm on cultivated ground. Sweet clover requires a firm seed bed, with just enough loose soil on top to cover the seed. Plowing should be done several months ahead of seeding to allow the ground to thoroughly settle, then firm it down with a cultipacker, or a corrugated roller. This can be done in the Fall, then plant the seed early in the Spring. It will grow best on sandy loam, but any fairly good soil will do.

Seeding. For best results, use only seed that her

will do.

Seeding. For best results, use only seed that has been scarified, and use from 15 to 20 lbs. of seed per acre. By scarifying, we mean seed that has been treated so that the hard coating of the seed has been scratched or cracked. This makes it easy for moisture to get to the germ of the seed, and gives you a full stand the first season. Unscarified seed will sometimes the darment for two years before sprouting. For that stand the first season. Unscarified seed will sometimes lie dormant for two years before sprouting. For that reason, be sure you plant only hulled and scarified seed. All of our sweet clover is scarified before it is put on the market. The seed can be either broadcasted or put in with a drill, but be sure not to cover too deeply. One-half inch is enough. Sweet clover can be sown on the last snows or as early in the Spring as you can get on the ground. This is one of the best soil building crops on the market. When sweet clover is plowed under one year from Spring seeding, you are returning to your soil the value of 20 tons of barnyard manure to the acre, and it is pretty hard to beat that with any other crop. You might just as well raise 80 bushels of corn to the acre as 30, and you can do it by using sweet clover for a green manure crop preceding the corn. Ask for our sweet clover leaflet, which will give you detailed information about the crop.

Varieties

WHITE BIENNIAL has an erect, stemmy, branching form of growth, the stems being moderately supplied with leaves. A growth of 12 to 18 inches is made the first season, and the roots become established. The store of reserve plant food in the root system insures a rapid growth the second year, when it will grow from 3 to 10 feet high, depending upon local conditions. Best for green manure or hay crop.

YELLOW BIENNIAL grows somewhat smaller and not so erect as the White, nor is the root system as strong or deep as the White. Excellent for pasture or soiling crop.

or soiling crop.

GRUNDY COUNTY BIENNIAL. This is white blossom biennial sweet clover that grows from 3½ to 4 feet high; matures an abundance of seed that ripens three weeks ahead of common White Biennial. The outstanding advantages of this clover is that it grows to a good height for harvesting, but does not require clipping, thus getting away from the hazard of killing the clover by clipping improperly. It ripens early ahead of weeds and is ready to thresh and hull before small grain. It is a heavy seed pro-



Grundy County Biennial.

ducer. It has superior soil-building qualities. It is very hardy and will withstand dry Summers and hard Winters. The seed is usually a little higher in price than the other varieties, but well worth all you pay for it. Fine for hay.

IUBAM. The new annual sweet clover. This plant makes a growth the first year similar to the second year's growth of the biennial sweet clovers. It makes a growth of from 3 to 10 feet and matures its seed the first season Excellent for forage, hay, green manure, and the best crop for bee pasture. For more information ask for Hubam leaflet or write to the lowa Agriculture Experiment Station, Ames, Iowa, and ask for Circular No. 76.

Ineculate this crop with McQueen's Ineculator.

Clover—Sow More Clover This Year

All the experiment stations, farm papers, etc., are advocating increased acreages of clovers and less corn. Of course, we have to grow a lot of corn but the time has come when we have to be more careful of our land and keep building it up in fertility. Nothing will do this better than clovers.

Red clover is the most important of all clovers. It is used for hay, pasture, seed and to build up the soil, and often as a green manure crop to be plowed under. Even where the stubble and roots are plowed under it makes a big increase on your next crop. Because

of the nitrogen gathering bacteria on the roots, it is enabled to take nitrogen from the air, store it in the roots and it is then used as plant food for the next year's crop.

You should be sure to order your clover seed early. We have a fine stock on hand at the present time. You know most people wait until the last minute to buy clover seed, thinking that the price will go lower, but the price is about as low now as it will ever go this year. When the heavy demand comes of course the price will go up. Another advantage of ordering your clover early is that you can have it sent by

CLOVER—Continued

freight and save some expense in this way. Freight shipments are rather slow sometimes and if you wait until the last minute and order your seed by freight you may be delayed in receiving it.

There are six reasons why you should grow clover, especially red clover, as that is our main clover crop.

1. It makes one of the heaviest and best quality hay cross

hay crops.

It is one of the best pasture crops we can grow. The seed crop is a very valuable cash crop in a good season. 4. It fits into the crop rotation better than any

other legume.

5. A heavy nitrogen gatherer, it adds this free nitrogen to the soil and builds up the fertility.

6. Clover helps the physical condition of the soil 6. Clover helps to a great extent.

to a great extent.

MEDIUM or COMMON RED CLOVER. Red clover is one of the very best crops for building up worn out soils and for rotating to keep soils from becoming run down. The common mixture for hay and pasture is 10 pounds of Timothy and 5 pounds of the Medium Red Clover. Red clover alone is also one of the very best hay and pasture crops that one can find. To get the best hay red clover should be cut when just past the blooming stage, but in consideration of the second crop it is probably best to cut the first crop a little earlier.

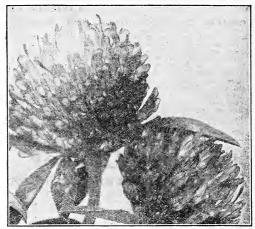
MANNOTH or SAPILING CLOVER. Mammoth clover

o cut the first crop a little earlier.

MAMMOTH or SAPLING CLOVER Mammoth clover is a rank grower and because of this is most valuable for fertilizing purposes. The foliage, flower, and stem are quite a bit darker than the common red clover, and it ripens later than red clover or about the time timothy, redtop and other grasses ripen. It makes a better quality of hay when mixed with grasses of this sort.

grasses of this sort.

ALSIKE or SWEDISH CLOVER. Alsike clover is a very good clover crop to grow on wet or swampy land. This variety of clover does not require such a sweet soil as do the other clovers and will also do well on bottom land. If you have a piece of land that is too damp for alfalfa or other clovers or grass sow a mixture of about four or five pounds of Alsike clover and 10 pounds of Red Top grass and this will make an excellent crop of hay. Alsike clover is very hardy, perpetual, and will stand lots of drought, and will not Winter-kill. When seeding Alsike alone you should seed about 6 pounds per acre and as the seed is very fine and small it should be covered shallow.



Medium Red Clover.

WHITE DUTCH CLOVER. White clover is a fine clover for pasture purposes and is especially valuable for mixing with Kentucky blue grass or lawn grasses for lawns. A few pounds of White Dutch clover should be in all permanent grass mixtures as it helps fill up the bare spots and is very nutritious. It is very hardy and is a perennial. When sowing alone you should use only about 5 pounds per acre.

CRIMSON CLOVER. This is an annual clover, that is widely used in the South and East as a cover crop and for green manure. It cannot be sown in the Spring with any hope of success, and is not hardy where peaches do not bear. We cannot furnish this clover as we do not carry it in stock.

JAPAN CLOVER and BURR CLOVER. Japan and Burr clovers are both entirely southern propositions and cannot be grown elsewhere. We cannot supply seed of these clovers.



For Lawns, Golf Courses, Vegetable and Flower Gardens, SOILTEX provides a simple and economical means of testing the acidity of the soil and determining what treatment it requires.

test for acid soil

Does *Your* Soil Need Lime?

How Much Does It Need? Will It Pay? "Lime, Legumes and Inocula-—this has come to be the slogan of the progressive farmer who wants to grow better crops and increase the fertility of his farm. Alfalfa, Red Clover, Sweet Clover, all require lime. Most other crops are benefited by it. Lime corrects acidity, sets free plant-food, improves the texture of the soil, and is necessary to the activity of nitrogen-gathering bacteria.

Save Money by Testing Your Soil-To apply less lime than is required, or to fail to apply it when needed, means loss of fertility and poorer crops. To apply more lime than your soil needs is wasting labor and money. Either way, you save money by testing your soil and knowing exactly what treatment it requires.

SOILTEX Tells What Your Soil Needs-With Soiltex, a new quick, easy and accurate soil testing method developed at the Michigan State Agricultural College, you can determine exactly in a few minutes whether your soil is acid, and how much lime it needs. Each outfit will make 75 to 100 tests. Full directions, color chart and lime table included. No special knowledge or equipment required. Costs less than 2 cents per sample tested. Soiltex will save

Pocket-size Soil Testing Outfit, with color chart and lime table . postpaid

Grass Seed

TIMOTHY. There is lots of Timothy seed grown here, and just east of us they raise thousands of acres so we are in good shape to supply your seed. We reclean it and grade it carefully and give you a strictly fancy article. All our Timothy s free from dangerous weeds, and you should use from 10 to 15 lbs, per acre. Sow just as early as you can get your ground ready. Timothy germinates best in cool, moist soil. See monthly price list.

RENTUCKY BLUE GRASS. This is the best natural pasture grass grown. It makes a thick luxuriant growth that is good from early Spring to late Fall. It is very resistant to cold, never freezing out in the most severe Winter weather It begins growth in the Spring earlier than most grasses and continues to grow as late in the Fall as any other grass. We have consent the finer blue grass regions only we also have one of the finest blue grass regions and we also

get considerable quantities direct from the growers in Kentucky. The standard weight is 14 pounds to the bushe, but the seed is considerably heavier and is usually sold by the pound. Sow the seed early in the Spring or late in the Fall, as it germinates best in cool. moist weather, when the temperature alternates. For pasture, use 20 to 25 lbs. per acre. The crop is short this year, and a little higher in price than last year.

RED TOP. Sometimes called Herd's Grass. Is splendid for low, wet land. It has probably a wider range of adaptation to climatic and soil conditions than any other cultivated grass. It succeeds well over most all the United States and is resistant to both coid and heat. Some of my neighbors who have river bottom land, subject to overflow, make a mixture of Red Top. Alsike and Blue Grass, and get a splendid pasture with it. Also good for new timber pasture or on thin hillsides. Use from 8 to 10 lbs, of Red Top per acre. If you have good strong land, use timothy and clover but if you have trouble with them, use Red Top by all means. See monthly price list.

ORCHARD GRASS. This is a valu-

price list.

RCHARD GRASS. This is a valuable grass for pasture or hay land, and is especially good in new timber pasture. It furnishes the first green bite in the Spring and the last in the Fall. Well suited to shady places, such as orchards and groves, and succeeds apparently as well in the shade of evergreens as of deciduous trees. Sow from 14 to 20 lbs. per acre. See monthly price list. ORCHARD GRASS. list.

ANADIAN BLUE GRASS. Somewhat similar to Kentucky Blue Grass, but smaller and growing closer to the ground. Very valuable on thin, stony land and for mixing with other grasses for permanent pasture. On poor rocky or clay soils, Canadian Blue Grass will give as great a return in pasturage as any single grass. Use 20 lbs. of seed per acre. See monthly price list. CANADIAN



Pasture and Meadow Mixtures

Most of our western farmers have not yet learned that pastures and meadows of mixed grass are far superior to clover and timothy alone. For either pasture or hay, best results are obtained from use of grass seed in mixture. With a number of varieties, you have a chance for a crop in any kind of season. I have studied the matter and believe I can fix you a mixture that will suit your condition and do you good.

PERMANENT MEADOW MIXTURE. Will make the best quality of hay, as the mixture contains such grasses as produce heavy growth and mature together. This mixture is one we send out for medium or average soils. If your soil is extra rich and strong or especially wet, or thin or gravelly, or in some way different from ordinary soil. let us know the conditions and we will vary the mixture to suit your requirements. Sow about 20 lbs. per acre, or in reworking an old meadow, use half this amount. See monthly price list

SPECIAL LOW LAND PASTURE MIXTURE. This mixture is intended especially for low, wet. or overflow land, where it is hard to get a stand of clover and timothy. It is made up mostly of all the varieties of clover and grass that succeed best in low, moist land. Sow 15 lbs. to the acceed best in low, price list.

PERMANENT PASTURE MIXTURE. Selected with

PERMANENT PASTURE MIXTURE. Selected with

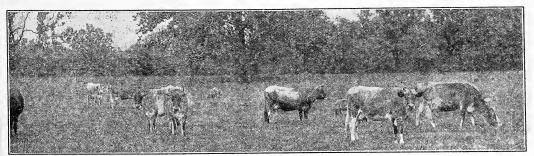
a view of giving a succession of grasses coming on constantly from early Spring through the dry Summer and through the Fall. It is permanent and keeps improving year after year. For new seeding, use 20 lbs. per acre, or for reseeding an old pasture, about 10 lbs. per acre. Contains blue grass, meadow fescue, orchard grass, alsike, white and red clover, timothy and small amounts of other grasses. See monthly price list.

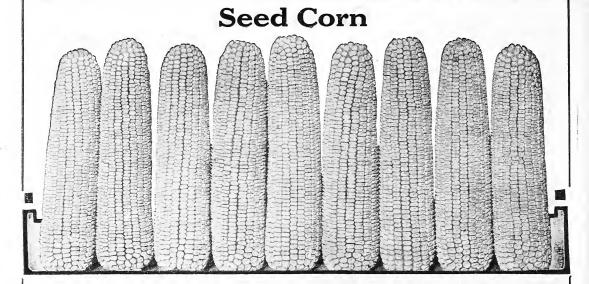
UICK ACTION HOG PASTURE. Not permanent, but intended for quick results, where you wish to get lots of green feed as soon as possible for hogs or calves, or where you have odd lots of ground, which you wish to put to use. Contains barley, field peas, and such quick coming annuals as will make luxuriant growth in from six to eight weeks. Can be sown very early in the Spring and will be ready for pasture by the middle of May.

IMOTHY-ALSIKE MIXTURE. A greet Alsike is grown with

by the middle of May.

IMOTHY-ALSIKE MINTURE. A great deal of Alsike is grown with Timothy. The seed being the same size, it is impossible to separate the two, so the seed is sold mixed that way. It is just right to sow for a mixed meadow, and much cheaper than buying the two separately and mixing them. It is a natural mixture. and if we had to buy the two separately and mix them, it would cost much more. The mixture contains about 20% Alsike. Use 20 lbs. of seed per acre. See monthly price list. TIMOTHY-ALSIKE





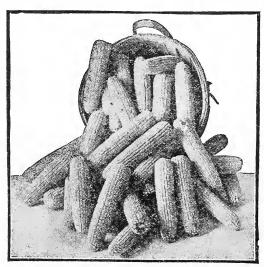
s, we are still growing and selling seed corn, the best you can get any place. We sell, I believe, seed corn than any other seed house in the Yes. country, and have less kick on it.

I wish that I could make you understand how we handle our seed corn and how much pains we take trying to get it out in the very best possible way. I do not believe there was ever a man who came here looking for seed corn who went away without buying, if he really had any notion of buying. Lots of local farmers come to me for their seed corn every year instead of saving their own. That gives you some idea what the people think who absolutely know all about my business.

·I have been in the seed corn business for a great many years, and I expect to sell seed corn for a great many years to come, and I know that I could not stay in business unless I put out the right kind of seed. I am trying to make it a little better than anyone else and believe that I am doing it.

It is important, very important, that you choose the right variety. A great many failures in sending off for seed corn are due to the fact that customers pick the variety that they want instead of getting corn that is well suited to their climate and soil.

We are very glad to give you any information we can in selecting the right varieties for your section.



A Bushel of Show Corn.

Standard Main Crop Varieties

CHAMPION HIGH YIELD KRUG. Deep yellow, medium size, medium early, thrifty, rugged and ap-

parently very disease free.

SHENANDOAH YELLOW. Large, rough, yellow cattle corn. Heavy yielder. SHENANDOAH SPECIAL. Similar, but smoother and

about ten days earlier. REID'S YELLOW DENT. Large, yellow, fairly rough, extreme fine type of ear.

IMPROVED SHENANDOAH YELLOW.

IMPROVED SHENANDOAH YELLOW. Deep kernel, strong germ, heavy weight, and high feeding value, besides being very disease resistant.

CORNPLANTER. An improved strain of Boone County. Longer ear. White.

WHITE ELEPHANT. Long, smooth, white, heavy yielder and stands hardship well.

10WA SILVERMINE. Medium sized, white corn. Good for old or thin land.

IOWA SILVERMINE. Medium sized, white corn. Good for old or thin land.
ST. CHARLES WHITE. Red cob, white, strong grower; popular in Missouri.
BOONE COUNTY WHITE. Very large corn, larger and later than Silvermine, larger around than White Elephant, but not so long.
IMPROVED CALICO. Striped, red and yellow, good wielder and fairly early.

nrauven Calicu. Striped, red and yellow, a yielder and fairly early.
Prices on Standard Main Crop and Early Corn.
Pk. ½ bu. Bu. 2 bu. 5 bu. 10.
1.50 \$2.65 \$5.00 \$9.80 \$24.25 \$4

\$0.90 \$47.50 EARLY CORN-80 to 90 days.

These are the varieties for planting in the extreme north, or for replanting, or for extra early feeding corn, here and south.

SILVER KING. The standard early white corn. North-

ern Iowa.

NORTHWEST YELLOW DENT. A similar early corn, only yellow. Very early.

RED 90 DAY. Very early and hardy. Red grain with white cap.

PRIDE OF THE NORTH. The earliest of all Yellow Dents. Not quite as high yielding as Northwest Yellow Dent but earlier.

FLINT OR YANKEE CORN. Earliest of all. Small, smooth and hard.

FODDER OR ENSILAGE CORN

The following varieties are for drilling thick for silage and fodder and are not so carefully selected graded as the standard grained varieties listed ensilage elsewhere. LEAMING ENSILAGE. Medium ripening and height.

Heavy and leafy.

EARLY DENT FODDER CORN. Very early ripening,

for short seasons.
FODDER FLINT. Earliest fodder of all, very leafy and sweet and should suit your purpose very well.
MAMMOTH WHITE ENSILAGE. Tall, heavy and Makes an enormous tonnage.

Prices on Fodder and Ensilage Corn. Pk. ½ bu. Bu. 2 bu. 5 bu. \$1.10 \$2.00 \$3.75 \$7.30 \$18.00 Gal. 10 bu. CHANGE IN PRICES.

These prices are all right now at the time we go to press, but may change before planting time. Ask for our price when you are ready to buy, or see February

Seed Corn

I haven't room here to give a long description of all the different kinds of seed corn we have, but have given a condensed list of them on the preceding page; we will be very glad to give you a full description or all the information you wish on any of them on request. Our regular seed corn catalog will be very interesting to you if you are interested in seed corn at all.

SUBJECT TO YOUR OWN TEST

This seed corn is all sold subject to your own test and approval and is grown right here in and around Shenandoah, Iowa, except some extra early varieties that are northern grown. It is grown right, handled right and sold right.

I am running a real, legitimate seed corn business, free from all get-rich-quick schemes, hot air, inflated prices and exaggerated claims. If you approve of this kind of business, I would like to have your orders for seed corn.

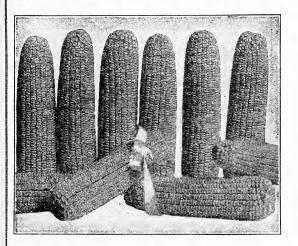
What corn we do grow nowadays must count all that it can, every acre of it. Better cultivation, better preparation and better seed. If you haven't got first class seed corn of your own we can certainly fix you out with the right kind from here. We can give you the best there is, either white or yellow, early or late. Try us and see Try us and see.

HUNG CORN

We always pick a lot of the best seed ears and hang them up. That is the only way to be sure to get 100% germination or close to it. We have, as usual, this year a lot of early picked hung corn of the best varieties, showing 98% to 100% germination. If you want some honest-to-goodness seed corn of the very best quality, picking, grading and germination I know that you will be more than satisfied with this hung corn.

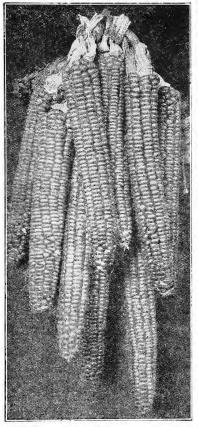
DONT FORGET

Don't forget that we are glad to give you any information as to the best variety for your climate and locality or any other information that we can in regard to Seed Corn in general. We will also guarantee our Seed Corn to be the best you can get any, place and are willing to send it subject to your own test and approval. We guarantee it to be just as we say it is or you can send it back and we will refund your money. Our new Seed Corn Book will tell you all about the different varieties of seed corn we are handling and also explain how we handle it here. Write for any information you may need and also for small samples of any of the different varieties of seed corn that you are interested in and we will gladly send them to you free of charge.



SAMPLES FREE

We will be glad to send you a small sample of any of the different varieties of seed corn on request. Ask for the varieties you are interested in.



SAFE ARRIVAL GUARANTEED

We guarantee safe arrival of seed corn to you, and in case any shipment arrives short or damaged, we will, upon receiving proper proofs from you for filing freight claims, make good the loss to you, either by refilling or refunding, and collect the loss from the railroad.

the loss from the railroad.

GUARANTEE ON SEED CORN

I sell it subject to your own test and approval, and if it is not absolutely satisfactory to you in every way, you can return it at our expense, and we will refund your money and pay the freight. You can't lose on a deal of that kind. You can have plenty of time to test it if you wish. All I want is for you to be satisfied. Of course I cannot purarantee you a corn crop for I cannot be there to plant it and tend it, but you can take the seed home and examine it and test it and call in the neighbors; and if you feel that you have been beat, you can have your money back. That's fair. All that I ask is, that you give me a fair shake and I will leave matters in your hands.

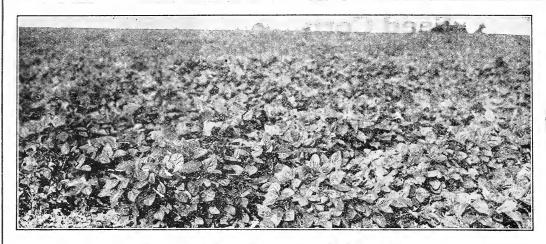
USE USPULUN OR BAYER DUST FOR YOUR SEED CORN.

Uspulun, or Bayer Dust are chemicals in powdered form that are used to treat all kinds of seeds, and are especially beneficial to seed corn. They put the seed in a healthy condition. They say they help the germination, start the plants quicker, prevent seedling blight, less barren stalks, the corn stands up better and almost no ear rot. Uspulun, 8-ounce tin, \$1.60.

Bayer Dust, 1-lb. cau, \$1.25. Must go by express.



Specimen Grains of Disease Resisting Improved Shenandoah Yellow.



Field Peas and Beans

SOY BEANS

SOY BEANS

Somewhat similar to cow peas, but we think for Corn Belt conditions are far superior. They make a stout erect bush instead of a vine, and are also earlier and hardier than cow peas, can be sown earlier, and will succeed under adverse conditions. Soy Beans probably have more uses than any other legume, can be used as a soil renovator, used as a green feed, cured for hay or cut for a seed crop, and they are very valuable either way. Will grow on sour land, and equal in feeding value to alfalfa. Hundreds of acres in the Corn Belt are put right in with the corn, using the Soy Bean attachment on the corn planter. Planting Beans in the corn to be hogged down is a very desirable practice. Soy Beans, we think, are a safe and dependable crop. We have tried hundreds of different varieties and have finally sifted down to the ones listed below.

1TO-SAN. The earliest we list, maturing in 100 days; attains a height of 28 inches and is a yellow Bean, and is fine for hogging down early or for northern latitudes.

and is fin latitudes.

MANCHU. The best all-around main season variety we list. Matures in 120 days, grows from 36 to 40 inches in height, is a yellow Bean with a dark seed scar; retains its leaves remarkably well, and stands



Dwarf Essex Rape.

ID-WEST. The standard variety for the central Corn Belt. Well suited for hay or pasture or as a seed crop or for hogging down. Attains a height of 36 inches, matures in 120 days Seed yellow. EKIN. A black-seeded variety; one of the very best for hay or ensilage. Grows about 36 inches high and is an abundant yielder of seed and leaf growth. Requires about 115 days to ripen. IRGINIA. A brown-seeded variety, grows about 50 inches high, rather slender and climbing in habit of growth; matures in 125 days. A fairly new variety and a mighty good one. Free bulletin on Soy Beans will be sent on request.

SOUTHERN FIELD PEAS

SOUTHERN FIELD PEAS

They are the hot weather Peas, grown so much in the South, where they take the place that clover does in the North. They can be grown anywhere in the Corn Belt, fully as successfully as in the South You not only get a quick crop of green feed or hay, but the roots enrich the soil by gathering nitrogen as clover does. They will grow on most any soil, no matter how thin, and will bring it up into good shape quicker than any other crop.

other crop

CAUTION REGARDING FIELD PEAS

CAUTION REGARDING FIELD PEAS

Be sure to say whether you want the Northern (Canadian) Field Peas, or the Southern Cow Peas. The Canada Peas are a cool weather crop and should be sown early. They are the ones to sow with oats. The Cow Peas are a hot weather crop, will not grow early or in cold weather, but make wonderful growth in hot, dry weather. Say which you want.

CANADIAN FIELD PEAS

For the northern states there is no crop of greater value than Field Peas. They can be grown under most any condition of soil or climate and yield a profitable crop no matter for what purpose it is grown, for pasture, soilage, hay, grain or fertilizer. Field Peas make their best growth when the weather is cool and the earlier they are seeded the better they will do. When sown in March or April in the northern states they will be ready for cutting the latter part of June, coming before any good nutritious feed suitable for soiling or hay.

WARE ESSEY RAPE soiling or hay.

An annual plant of the cabbage family. Grows very quickly in any weather and makes a big, loose bunch of leaves, somewhat like cabbage leaves, but long and narrow. Grows all Summer long without going to seed, and when eaten off, it sprouts up again quickly. Hard freezing kills it, though. All kinds of stock eat it readily and thrive on it, but I consider it most valuable for hogs, especially young stock. Broadcast 8 pounds per acre on well prepared land, early in the Spring, either alone or with oats, and after it gets a good start, it will keep from 20 to 30 shoats to the acre all Summer long without other feed. A good annual pasture seeding is 1½ bushels oats and 6 lbs. Rape or 1 bushel rye and 6 lbs. Rape per acre. Fine to sow in the corn at the last cultivation, too. See monthly price list. DWARF ESSEX RAPE

WINTER VETCH

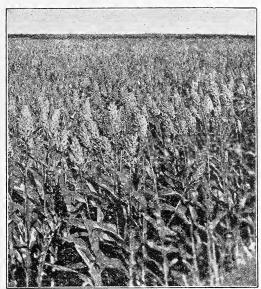
WINTER VETCH

Here's a crop with at least four good points worth thinking about. It's fine for early pasture, hay, green manure, and is an excellent cover crop.

Winter Vetch is an annual legume, and is a good crop for your land ahead of alfalfa. Plant in the Fall either alone using 40 to 50 pounds per acre; or use 30 pounds of Vetch and one bushel of rye per acre, and this will make a real early Spring pasture, or you can let it go for a hay crop in June.

For Fall pasture should be planted in the early Spring, Drill it in one inch or deeper. A good crop planted in the Fall for Winter cover crop. Inoculate this crop with McQueen's Inoculator.

Grain and Fodder Crops



White Kaffir-Black Hull.

MILO MAIZE

Next to kaffir corn this is probably the best known of all the grain sorghums. It does not grow so tall as kaffir corn, and as a rule does not yield as well under favorable conditions, but it can be grown on less moisture and for that reason is quite largely grown in the western part of Kansas, Oklahoma and Nebraska, where kaffir corn sometimes fails for lack of rain. The grains are considerably larger than those of kaffir corn, and the heads, instead of standing straight up are inclined to droop, more or less.

WHITE KAFFIR—BLACK HULL

This is the standard grain sorghum grown all over the West and Southwest. It is worth growing anywhere, however, as it makes a big yield in spite of any kind of weather. The grain makes fine feed for poultry and pigs, and the fodder is greatly relished by horses, mules and cattle. For grain drill in rows, like corn, using from 3 to 5 pounds of seed per acre. For fodder, sow one bushel per acre, either broadcast or in drills. Prices vary; see field seed price list.

FODDER CANE—SORGHUM

Most of the farmers of the West are getting well posted on the value and uses of Cane. Here, in condensed form, are the points regarding Cane. Produces from three to eight tons (cured) per acre of valuable feed for horses and cattle; may be grown anywhere, even with drought and unfavorable conditions that would kill most fodder crops; can be made the chief food for horses and cattle, also furnishes excellent pasture for hogs from June to frost; is also excellent for poultry and will increase egg production. You can plant Cane soon after corn when soil is thoroughly warm. Use from 75 to 100 lbs. of seed per acre. See page 80 for syrup cane.

Buckwheat

APANESE. The Japanese is the best, most productive and decidedly the most prolific variety in cultivation; produces the finest flour and is a week earlier than Silver Hull. From one-half bushel of seed sown a crop of 40 bushels has been harvested. In color the grain is a rich dark brown Hull. From bushels has been

SILVER HULL. A standard variety, largely grown, and gives excellent satisfaction. Our seed has produced enormous crops of 38 to 40 bushels per acre.

Spring Wheat

NEW MARQUIS. This we believe to be one of the very best Spring Wheats on the market today. This is 10 days earlier and yields, usually, 10 bushels more per acre than the other hardy Spring Wheats known. It has a very stiff straw of medium height and does not lodge easily. The heads are bald and are quite heavy and has smooth yellow chaff.

ODERBRUCKER BARLEY
Oderbrucker is a six-rowed bearded Barley, a heavy yielder and a leader among Barley.

IOWA 103 OATS
This is an excellent white Oat and a very heavy yielder. It has strong, stiff, short straw with branching heads and numerous small heavy berries with thin hulls and is excellent for the corn belt.

There is an increasing demand every year for the so-called dry weather crops, such as kaffir corn, milo maize, feterita and other grain sorghums. In the great-er part of Oklahoma, Kansas and Nebraska they are a more certain crop and a more profitable crop than field corn, and every year they are being more grown and more favorably known than in other states all over the corn belt.

over the corn belt.

As a rule they will grow anywhere that field corn will grow and many places where, owing to a lack of moisture, field corn will not mature at all. They will yield a crop of grain equal to a crop of field corn and besides will make an abundance of fodder, which can either be fed dry or put into the silo like ensilage corn.

There is a host of varieties of these grains and unless you are wanting to experiment on a big scale it would not pay you to bother with all of them. I have tried practically all of them in my trial grounds and made quite a study of them, and the ones listed here are the ones I would advise you to grow. Any of these will be practically certain to succeed and we can furnish first-class seed of all of them.

FETERITA, THE NEW GRAIN SORGHUM

Feterita belongs to the same class as kaffir and milo, but is considerably earlier than either one, it is said to stand drouth better and makes a larger, softer grain. In manner of growth it is about half-way between kaffir and milo, but the heads stand perfectly straight and erect and the grains are very large, pure white and comparatively soft. Can be fed without crimding. grinding.

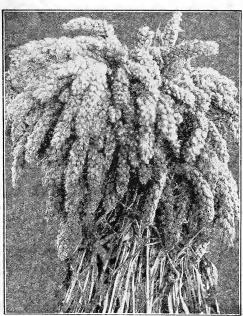
We have received news from every section that fet-erita has withstood the drought in practically every in-stance and has matured where kaffir and milo are

Feterita is the one crop that will beat the hot winds and drought by maturing thirty days earlier than kaffir corn and fifteen days earlier than milo. Feeding value of feterita as a grain and forage crop is equal in every way to kaffir, and we believe it to be much better on account of the grain being larger and softer than kaffir.

Millet

TRUE GOLDEN. This is the Millet that has enormous big heads and wide leaves. It is the rankest of all Millets and makes lots of feed either as hay or grain. Can be sown as late as July in this latitude, and on this account is valuable where other crops have been washed out and lost. Use from 30 to 50 lbs. of seed per acre.

FODDER. This is common or mixed Millet, such as is grown everywhere for hay or fodder purposes. It is not so valuable as the pure Golden for seed purposes, but for hay or feed, there is very little difference. See field seed price list for latest prices.



Golden Millet.



Sudan Grass

The popular new hay and pasture plant. This is undoubtedly the greatest new crop since the introduction of alfalfa, and it will make more hay or fodder of a better quality and with more absolute certainty of a crop than anything else, except alfalfa, and it has the advantage over alfalfa of being quick and easy to get. It is certainly the "poor man's friend."

This, the best annual hay crop, is a native of Africa. In this country Sudan is an annual, but will sometimes live through the Winter along the Gulf Coast. Sudan is very closely related to the cultivated sorghums and will mix with them readily. Sudan has no root stock, so does not become a pest like Johnson Grass.

Grass.

Grass.

SOIL AND CLIMATE

Sudan grass grows best on rich loam, but can be grown on almost any soil from a heavy clay to light sand. Sudan is a warm weather crop and will stand a great deal of heat and drought; but will not stand cold weather nor cold soil. When the seed is to be drilled in, the ground is plowed and harrowed in the Spring same as corn; this helps also to warm up the soil.

WHEN TO PLANT

In the South from April 1st to June 15th; in the corn Belt, from May 10th to July 1st. The only thing against real late seeding is a possible shortage of moisture to germinate the seed to get it started.

HOW TO PLANT

For hay, a common grain drill will feed the seed evenly and make a good stand. The seed can be put in the ground about 1 inch. Most farmers broadcast the seed and harrow it in lightly. For seed grap the seed in mental released to the seed of the the seed and narrow it in lightly. For seed crop, the seed is usually planted in rows far enough apart to allow horse cultivation, but when grown in this way the stems become coarse and it does not make good hay; although it never becomes so coarse that stock will not eat

RATE OF SEEDING

When either drilling or broadcasting, use from 20 to 30 pounds per acre. Seed is always cheap and it will pay you not to be too saving. The more seed you put into the ground, up to 30 pounds per acre, the finer the quality of hay, as it don't get a chance to grow coarse like it would from a light seeding.

CUTTING FOR HAY

This is usually done with a mower. It cures readily and can be cut in the morning, on a bright, sunny day. After bunching, it is placed in cocks, and then removed from these cocks to the stack or barn, after it is thoroughly cured. Often times it is cut with a binder and tied in small bunches, and it cures fine handled this way. binder and handled this

undled this way.

The first cutting is usually made from the time the first heads appear until it is in flower; then the second cutting is made just before frost. When only one cutting is to be made, the best time is when the seed is in the dough stage, just before it

matures. PASTURING SUDAN GRASS
In sections where there is a low rainfall and high temperature, Sudan grass will carry more stock per acre than any other grass or legume, and will carry 5000 pounds live weight per acre. Sudan grass furnishes good pasture for horses, cattle, sheep or hogs. The grass should be a foot high before first being pastured, as the plants will become quite firmly rooted by that time and will stand trampling by stock.

COMBINATION SEEDING FOR HAY
On weed infested land, Soy Beans and
Sudan grass make a splendid hay crop,
and will smother out practically all the
weeds. Drill in 25 pounds of Soy Beans,
then two weeks later drill in 8 pounds
Sudan grass. This makes a well balanced hay, high in protein.

BUY PURE SEEDS

It is very important to get NOPTH-

It is very important to get NORTH-ERN GROWN SEED free from Johnson grass, and free from cane and kaffir hy-brids. Northern grown seed is best for planting either North or South. For prices see field seed price list.



Sorghum Cane.

Sorghum Cane for Syrup

This will do best on moderately thin hill land. Heavy land will yield well, but the quality of syrup may be poor. Prepare the soil the same as for corn, and plant usually two weeks after corn planting time. Use about 3 to 4 pounds of seed per acre drilled shallow, and in rows corn-row width. Thin it out later to not more than two stalks per foot of row. Cut for syrup when seed is ripe. Yield of syrup will vary from 100 to 250 gallons per acre.

We have tried out a number of varieties and have settled on these two as the best ones.

SHORT ORANGE

An early, stocky, heavy yielding cane of the well known Orange type. Season 100 to 110 days, medium

height, and makes a heavy, light colored syrup. The Orange type has a thicker, heavier stalk than the Amber, and makes lots of juice.

WISCONSIN AMBER

A very early, very sweet strain of pure Early Amber. A few years ago a customer in central Wisconsin sent us one pound of selected seed which we planted very carefully on an acre of ground, and grew 40 bushels of seed and 200 gallons of syrup. We have kept it pure since and like it very much. It is very early, planted June 2 it matured September 10, and makes a beautiful amber syrup.

Prices, either variety, 25c per lb.; 5 lbs. for \$1.00, postpaid. Larger lots, not postpaid, at 15c per lb.

Lawns

Everyone wants a nice, velvety lawn. On this page are some things to interest you and to help you make the best lawn possible. Always remember when making a new lawn that all the preparation has to be done before the lawn is seeded; and a properly made lawn, properly cared for should last a long time and improve with age.

PREPARATION OF THE SEED BED

PREPARATION OF THE SEED BED

The first step is to be sure the land is well drained. If the land does not drain naturally it must be drained by means of tiles or otherwise. The soil should be made light and porous to a depth of one foot, carefully removing all stones and rubbish found while spading. The soil should be a combination of sand, clay and humus, commonly called a rich loam.

After your lawn is started, you should give it a coating of fertilitzer about every second season, as grass requires quite a lot of fertility. Test your soil for acidity, especially in shady lawns. If the soil is acid, counteract it by using lime, either crushed limestone or slacked lime, from 400 to 1000 pounds per acre, depending on the condition.

the condition, SEEDING THE LAWN

The seed bed should be firm. After the ground is well worked, either allow it to settle about one week before seeding; or, better yet, go over it with a roller to make it firm. Then broadcast the seed, rake it in, and go over it again with the roller to get the seed in contact with the soil.

Some grasses will do fairly well under both sunny and shady conditions. For that reason mixture of grasses is ideal for lawns. We have studied the subject for a long time and have special mixtures of grasses made up, one for sunny places; another that we call Shady Nook Lawn Grass made up so it will grow in both sunny and shady places.

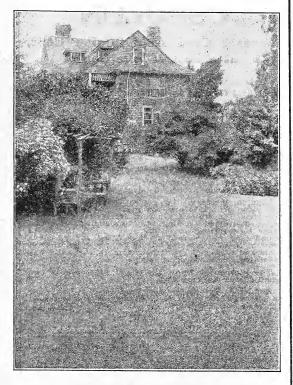
Kentucky Blue Grass is the basis of practically all lawn mixtures. These mixtures also contain some grasses that will grow quickly and make a nice lawn the first season.

nice lawn the first season.

For a new lawn, use one pound of grass seed to every 200 square feet, a piece 10x20 feet. When renovating or reseeding an old lawn, one pound to every 300 square feet, a piece 10x30 feet, is sufficient. On terraces or steep banks use one pound to every 100 square feet. When starting a lawn on a bank, a nurse crop of one bushel of oats per acre can be used to help hold the soil from washing.

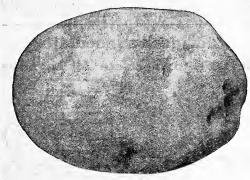
The new lawn needs frequent rolling to compact the

The new lawn needs frequent rolling to compact the soil and make the young grass roots as firm as pos-



sible; the heavier the roller the better. On ol. awns, spring rolling will help overcome the loosening of the grass roots due to Winter's freezing and thawing.

Frices, Mixed Lawn Grass, 50c lb., postpaid. In large lots, 40c lb., f. o. b. here



Irish Cobbler, the Best Early Potato.

Northern Grown Seed Potatoes

to supply no We expect as usual to be able to supply northern grown seed potatoes from the Valley of the Red River of the North, in Minnesota and North Dakota, but at the time we go to press with this catalog, we are unable to name exact prices. We will have definite prices in March Seed Sense, or if you wish to know about it earlier, please write for special prices on Irish Potatoes Irish Potatoes.

We expect to handle three varieties; Irish Cobbler, Red River Ohio and Netted Gem.

This Netted Gem is a comparatively new Potato, but in our opinion the best late or main crop Potato now grown. It has been grown very extensively in the North and Northwest for several years, and is gaining fast in popularity. If you want a late Potato, but this one

buy this one.
You all know about the Irish Cobbler and the Red
River Ohio. I don't need to explain further about them.

This seed will all be northern grown and will be shipped from Shenandoah. We will get it in in car lots here, and ship from here.

Seed Sweet Potatoes Sweet Potato Plants Will Be Listed in March Seed Sense. Sweet Potato Plants Will Be

We have contracted for a good supply of seed Sweet Potatoes, and think we can take care of all orders this year, providing you get them in in plenty of time. The trouble every year is with the orders that get in too late.

We don't like to over-contract on seed Sweet Potatoes, because we don't want any left on our hands, but would rather go short at the end of the season.

So if you want seed Sweet Potatoes, get your order in early. We can furnish two varieties only, and only in straight bushel lots, that is, we cannot furnish parts of a bushel, or less than a bushel of a kind.

These are measured bushels, all that will go into a bushel basket. They are not sold by weight, they are sold at so much per bushel basket. Seed Sweet Po-

tatoes do not weigh very heavy, and they probably will not weigh out the same as a legal bushel of eating Potatoes, but it will be a full bushel basketful of seed Sweet Potatoes.

These will be shipped direct from the growers, either at Muscatine, Iowa; Topeka, Kansas or Rogers, Arkansas, whichever seems best. It is not likely we will have very many of them on hand here at Shenandoah, but will ship them direct from the grower so as to save time and freight.

We can furnish only two varieties: Yellow Jersey and Nancy Hall, and it is no use to ask us for other varieties.

We will also have Sweet Potato Plants to offer this pring. Watch Seed Sense for prices, or write.

USPULUN

Increase Corn Yield 20 Per Cent, at a Cost of Five Cents an Acre

Much Seed Corn Is Poor in Quality; Should Be Treated Before Planting to Insure Profitable Yield.

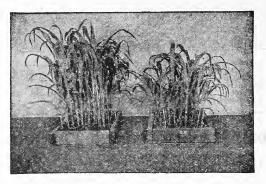
Poor quality of much seed corn is causing many local farmers to fear an unprofitable corn yield this

This condition can be remedied and a substantially increased yield insured by treating all seed corn before planting with Uspulun the organic mercury seed disinfectant which has been producing startling results on corn in many tests made by the agricultural experts of the Bayer Company, its manufacturers, who are also the discoverers of Bayer Aspirin.

Uspulun increases the percentage of germination, the vigor of plants and the quality and quantity of the yield. It protects the corn from seed borne diseases, destroying seedling blight-producing fungi and other seed rotting organisms and permits the entire stored food in the seed to be utilized toward plant growth, thereby bringing about greater vigor in both roots and tops, and greater strength to withstand unfavorable conditions of all kinds.

The illustration below shows the difference in two small stands of young corn.

Hundreds of farmers who tried Uspulun last year on an experimental acre, are this year treating seed for their entire acreage.



Treated.

Untreated.

Effect of Uspulum seed treatment on corn seeding growth and vigor. Test conducted at the Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y.

Uspulun is very simple to use and can not have any bad effect on the seed. Merely dissolve 8 ounces of Uspulun in 25 gallons of water. This is sufficient to treat 10 bushels of shelled seed corn. Dip the seed in the solution in a loose bag which should be shaken frequently in order to insure complete wetting. Soak the grain for one and one-half hours. Then remove and either plant immediately, or, if it is to be stored, take seed out of the bag and dry thoroughly. It can be stored indefinitely. Sack after sack can be treated in the same solution, as it does not lose strength.

Eight ounces of Uspulun should be used to 25 gallons of water, and is sufficient to treat 10 bushels of seed corn.

Uspulun is one of the very best things to use for treatment of brown patch in lawns and golf courses. For this purpose, use one pound Uspulun to one barrel (50 gallons) water for every one thousand square feet and apply with sprayer or sprinkler during cool weather. If put cn during hot weather, follow this with a good sprinkling of water one hour later to keep the Uspulun from burning the grass.

Other important uses for Uspulun are for controlling dabaging-off in greenhouses, also molds, black-leg of cabage, crown gall in apple trees.

8-ounce tin, \$1.60. Must go by express.

BAYER DUST

DRY TREATMENT FOR SEED CORN

Is just the same as Uspulun, made by the same people, only it is a dust treatment instead of a liquid treatment. The seed treatment with Bayer Dust is really simpler than the liquid treatment, and the same results can be had. Our tests as well as government tests show that Bayer Dust is just as effective as Uspulun in controlling plant diseases. It is necessary only to mix Bayer Dust thoroughly with the seed using 2 to 3 ounces to each bushel. A simple machine can be easily made on the farm. Take a barrel, or better, a tight, solid built box with a gas pipe running through it as an axle, set this up on some uprights and you are all ready to go to work. Both ends of the barrel or box should be closed and an opening for the insertion of seed and dust be cut in the side, fitted with a cover that can be fastened tight. Larger yields can be had from smaller fields if you treat your seed corn to control diseases. We are offering Bayer Dust this year in one-pound tins at \$1.25 per pound, f. o. b. Shenandoah, Iowa. Must go by express.

NEW SEED POTATO TREATMENT

I will have this year a brand new seed Potato treatment for you. It is a special Uspulun treatment much faster than any of the old treatments and much better. I am sorry that I cannot give you the prices right now, but if you are interested write for a special leaflet we will have on seed potato treatment. Uspulun can also be used on cabbage seed, peas, cucumber, sweet corn, and for the control of brown patch on lawns.

How to Get Rid of Rodents Use ZELIO

Millions of dollars worth of food stuff and property is destroyed every year by rats and mice and other rodents. By using Zelio you can absolutely rid your place of all rodents. It is readily eaten by all rodents because it is tasteless and odorless. This poison acts slowly giving the animal time to leave the premises. Zelio produces difficulty in breathing, which is likely to force the victim to leave shelter and seek relief in the open air instead of dying in its hole. We have a special leaflet on Zelio telling how to prepare the bait, which we will mail free to all that are interested. Zelio comes in two different sized tubes. 2-oz. tube Zelio, 50c each; 8-oz. tube Zelio paste, \$1.50 each, f.o, b. Shenandoah. This paste must go by express.

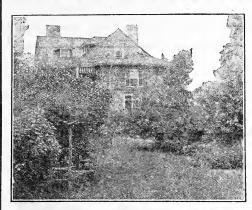
McQueen's Inoculator

Be Sure to Inoculate All Legumes



(Be sure to name the legume you are going to treat). See page 63 for full information about inoculating legumes. It's very important.

Nursery and Landscape Department



Every year we get lots of letters from folks who want us to tell them how to arrange their shrubbery and flowers to best advantage, and we do not wonder for there is decidedly a right way and a wrong way. Now, we like to be friendly and help you out, so last year we started a free landscape service.

WE LEARNED A LOT

WE LEARNED A LOT

We found it impossible to imagine your situation unless we had a good ground plan, drawn to scale, and at least one picture of your house. We found that even the making of simple sketches and planting lists took a lot of time and money, and that you folks realized it, and your healthy American spirit did not like the feeling of being under obligation. Some of you insisted upon paying for the service. That was not fair unless all did the same.

OUR NEW PLAN

1. Any questions we can answer by a letter, a page or two long, will be free service, and never mind about the postage

long, will be free service, and never minu about the possestamps.

2. If you wish us to draw a plan, send for a special land-scape blank. This blank is a large piece of paper ruled in squares to make it easy for you to draw the location of your house. It also tells you exactly what other information we will need. Fill it out and send to us with \$1.00 and full information. We plan within the limits of what you wish to spend, be it \$5.00 or \$500.00. We will promptly make you a good pencil sketch, locating every shrub and tree, and send it to you with a list of the plants needed and their exact cost at our catalog prices. We

at our catalog prices. We will also send you coupon good for \$1.00, if you buy plants of us to the extent of \$10.00. Then, if you decide not to buy, or to buy of someone else, your conscience is clear.

3. If you do not wish to spend this much, send 25c for our landscape booklet. listed elsewhere. This is compiled from Mrs. Fischer's radio talks and gives you in her vivid way the whys and wherefores of proper planting. It also gives the heights of various shrubs and their best locations. best locations.

4. If you want a real job of landscaping, such as landscape architects furnish, with full working drawings and blue prints, we are also prepared to furnish this service at the usual professional



My Son Frank and His Family, Yours Truly in the Background

5. If you live within easy driving oustance from Shenandoah, you may prefer to have our field man deliver the shrubs and do your planting. As we can take care of only a limited number of these calls, get your order in early.

Nursery Department

I know all you friendly folks who sent us a million orders (more or less) last year will want to meet my son Frank and his family. You will easily recognize him, for he is a "chip of the old block," or perhaps, considering the family he belongs to, we had better say a "twig of the old tree." Jennie, his wife, was once a seed house eirl. Frank is superintendent of our Nursery Department, and his job is to see that you get good live shrubs and perennials, and get them at exactly the right time to plant them. Now, it is you and him for it, and I hope you will like him,

HENRY FIELD.

Hello, folks! Frank Field speaking. I meant to write you a wise treatise on some such time honored question as "getting your orders in early." but I am so busy digging the stock and building new places to store it that I guess I'll just tell you to use your own good judgment about how to order it. We will have a splendid stock of all the good old stand-bys, and I've picked up some dandy new things, which have Dad's approval, and I know you will like them. If you have any questions to ask. I hope you will think of them before the middle of January, because that is, when things begin fly around the Seed House, and it is sometimes hard to keep real politie.

Separate Packages

We ship perennials and shrubs separately, as they require different packing. We are adding 5c to the price of most of our perennials and handing it all back in extra quality. This permits us to send larger clumps, more sure to give immediate results. We want you to thrill with pleasure when you open that package. A perennial is never entirely dormant. If it does not show live buds when it arrives, ship it back at once. See our guarantee on another page.

Gooseberries and Currents

No, we do not handle gooseberries and currants. There is so much red tape and government quarantine on account of the danger of their carrying white pine blister rust, we would just as soon you bought them somewhere

THINGS THAT BRING SUCCESS
WITH SHRUBBERY
First. Make a study of locations favored by each shrub, or consult our Landscape Department.
Second. Plant early if possible, and do not let air or sun touch the roots of the plants more than is absolutely necessary when setting out.
Third. Remember that a shrub should have at least the soil and care you would give to a potato patch, if you expect it to thrive, and that the side of a house is a trying situation for any living thing. living thing.

FIGURE 1. STORE YOUR WATER CARDEN AND ROCK GARDEN

We know that at least a thousand of you built rock and water gardens last Fall. I never saw such a craze. It is poor economy to start with common plants after you have gone to the expense of building them. We are watching out for the very best things for you and will have the list printed in namphlet form, ready to mail to all who apply for it. It also gives directions for building pools and rock eardens and tells you how to take care of your Water Lilies.



Our Guarantee

With the exception of Hibiscus, we cannot think of any perennial or shrub that would not plainly show by its buds that it is alive when you get it. We don't want you to get dead plants, but accidents will happen. You probably have hired help yourself. Now, if you get a dead plant, PLEASE ship it back within ten days and we will not only replace it, but will show our gratitude by sending you some nice extra for your trouble. That's fair, isn't it? Now if you keep a dead plant t is your own fault. If the color comes wrong, we will replace at half catalog price.

Peonies

I don't know of any flower more satisfactory to plant than Peonies. They are sure to live and grow, they will bloom anywhere and for anyone and they live for ever, getting better with age. They have no disease, and no insect enemies; they are big, beautiful and fragrant. They bloom in time for Memorial Day. A single clump of them on the lawn is a beautiful sight, and a big bed of them is finer yet.

Just notice the picture showing mine in bloom at the seed house. Did you ever see anything finer? I have probably the finest collection in the country. They are worth coming hundreds of miles to see. I have the varieties that bloom every year. I can give you any color you want. If you love Peonies, let me fix you out with a start of really good varieties. I have over 200 kinds and can give you what you want. Considering what you get for your money, there is no flower so cheap as Peonies. You can buy them for 50c up, for good plants.

I have never felt that money spent for flowers was wasted. It is money

good plants.

I have never felt that money spent for flowers was wasted. It is money well spent, for there is nothing that gives so much pleasure and happiness in the world. Someone has said that the Peony is the flower for the millions and the millionaire. The millionaire could buy nothing finer, and the millions could all afford to buy them.

If you have been promising the wife some flowers to fix up the front yard, now is the time for you to make good by spending a few dollars for the looks of the place, to say nothing of the pleasure it will give the wife and the girls.

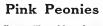
We are making some very attractive offers. For instance, we are selling them in mixed colors as low as \$25.00 per 100, or in a small way at \$3.00 per dozen. Separate colors, either red, pink or white, at 35c each; 3 for \$1.00, or \$3.50 per dozen. These are labeled for color but are not

Red Peonies

mm mmt 77	Each
May King. Very early, blood-red; free	
bloomer. Bush rather dwarf	51.00
Felix Crousse. A big beautiful glorious red.	1.00
Lizzie. Good red	.50
Louis Van Houtte. Dark crimson	.50
Rebecca (Terry). Tall, purplish rose and	
white Rachel. Early dark red	.50
Grover Cleveland. Large, dark red. tall	.50
grower Harge, dark red, tall	2.00
Ruth. Intense red. medium size	4.00
Karl Rosenfield. Deep red. Very scarce	2.00



Edulis Superba.



	Each
Asa Gray. Free blooming: light Edulis Superba. Early:	80.75
Edulis Superba. Early:	.60
rose-pink Humei. Cherry-pink. Sil-	
ver tipped. Late Mons. Jules Elie. Pale	.50
rose; one of the finest	1.00
Reine Victoria. Rose- pink; strong bloomer	.50
Stella (Terry). Delicate rose, crimson center; fine.	.50
Olive Logan. Outer petals	
purple-rose, center light. Rose Fragrans. Rose	.50
color; large, full double. Sarah Bernhardt. Larg-	.50
est bloom of any Peony.	
Delicate apple blossom pink; midseason	2.50





Henry Field Among His Peonies.



Festiva Maxima.



White Peonies

Duc de Wellington. Sulphur Each center\$0.50 restiva Maxima. Large; white, pink tinted center. Best white. Floral Treasure. Blush pink; .50 Duchesse de Nemours. Sulphur Maxima.

Peonies.

Duchesse de Nemours. Suppur 5.0

Mrs. Douglas: Pure white50

Queen Victoria. Pink, turns white50

Couronne d'Or. Pure white, circle of golden stamens 1.00

Maxima Elemoine. Latest of all Blooms after the rest are gone ... 1.00

-3 for \$1.00 Peonies-

Queen ictoria.

Teonies—3 for \$1.00

One dozen for \$3.50. postpaid.

We have a lot of odds and ends of varieties which we do not care to carry on our list, or of which we have lost the names, and these we simply sort up by colorwhite in one pile, reds in another, and pinks in another—and sell them that way, simply by color. They are good Peonies and will be the color you ask for. They will be good size plants. But we cannot promise you any certain variety or type. They will be labeled as to color. Price, 3 for \$1.00; either all one color or assorted colors, 12 for \$3.50.

Peonies—The Cream of the List

Three for \$2.00.

Lots of people ask me to pick out for them the very st Peonies in the list. Here is my personal choice:

QUANTITY PRICES—On all Peonies, unless otherwise specified, we sell dozens at 10 times the single price, and half dozens at 5 times single price. For instance, Olive Logan, which sells at 50c, would be \$5.00 per dozen, and \$2.50 per half dozen. If in need of a total of 100 or more, ask for special prices.

Iris, Harlequin.

This is an extremely beautiful flower, and is sometimes called Flcur-de-Lis. It is easily grown, and no garden is complete without it, and to acquire the Iris habit soon becomes a hobby that can be ridden to one's heart's content.

There are a lot of different varieties of Iris, and each variety has its distinctive merit. The Iris is a sun loving plant and will delight in a waim, well drained soil where the roots at the surface can become hardened in the sun. They will thrive well almost anywhere, except in low, wet soils, and here the roots will decay.

An endless array of colors will greet you upon looking over a large field of different varieties of Iris, because they will vary in color. Some will be rich blue and delicate yellow, and some will be claret-red and bronze, others will be pure white and all colors. The Iris deserves to be better known and more extensively grown for many reasons. We must admit that when our Peonies fail us for Decoration Day, we have to fall back on the Iris, and it is a real trusty, blooming about middle or late May. It is absolutely hardy and will thrive in locations where the climate is hot, and again it will staud a climate where the Winters are severe. It will increase and multiply and always looks well whether in bloom or not. The Iris is great for lining out along a drive or sidewalk, and we list here a few of the good varieties.

When to Plant Iris

Iris is one flower that can be planted at almost any time of the year. I like best to plant it in the Fall or early Spring, but really it can be planted almost any time with a fair chance of success. It is one flower that I have succeeded in moving while it was in bloom. They will grow on practically any soil. We have some on good garden soil, some on clay fill where we scraped dirt out of the cellar, some on rich ground, and some on poor, and they all seem to thrive about alike,



The Iris for National Flower

National Flower
Some have suggested that
the Iris should be our National flower, as it is probably
the only flower that can be
grown in every part of the
United States. I don't suppose there is a state or a
county where it cannot be
grown in all its beauty, and
there is no other flower that
will do it.





Iris, Fairy Queen.

Named Varieties of Iris

erlin. On the same order as Candicans and Princess Beatrice, only lower growing. This makes an excellent flower tor vases. Berlin.

Candicans. A good deal like the Princess Beatrice in habit of growth and coloring, but not quite so tall and flowers not quite so large.

Fairy Queen. Most beautiful of all Iris to my notion; a very free bloomer. White shaded light blue on border. (Practically the same as Mad. Chereau).

Flavescens. A good deal like White Swan in size and habit of growth, but more of a yellow color. Early, Frederick. Of medium height. Standards are pale lavender; falls lavender barred with brown. Very free bloomer and good for massing.

Harlequin. Rather odd variety as its name indicates. Blue and white striped. Fine.

Lohengrin. Beautiful, clear orchid pink. One of the best. Loreley. A striking combination of yellow and purple.

Mrs. H. Darwin. A beautiful pure white with lavender veins at base of lower petals, Very free bloomer. Medium height. Princess Beatrice (Pallida Dalmatica). The standards are fine delicate lavender in color, while the falls are a slightly deeper shade of lavender. The tallest Iris that grows.

Should be in everyone's collection.

Purple Pumila. These are the old-fashioned dwarfs which grow about eight inches high and bloom very early in the Spring.

Purple King (Kochi). This variety blooms right with Silver King, but color deep, dark, rich purple, almost black.

Queen of the Gypsies. The standards are of old gold shaded with smoky pearl. Very vigorous grower; multiplies faster than any Iris.

Queen of May. A delicate lilac-pink.

Caprice. Variety is nearest to a genuine red of any variety, not a true red but best described as a claret color.

Rhein Nixe. A beautiful shade of violet combined with pure white

Sans Souci. The standards are a bright golden yellow and the falls are very thickly netted with veins and criss-cross of a rich crimson-brown.

Sherwin-Wright. One of the newer varieties, but becoming very popular. Medium height. Blooms a striking golden yellow.

Siberian Blue. Belongs to a different family altogether. Leaves like grass.

Siberian White. Same as the different striking polden yellow.

Siberian White. Same as the blue except the flower is white, faintly veined with blue.

pring Skies. This is a new variety of Pumila which is making a great sensation throughout the East. The bloom is exactly the color of the sky on an early Spring day, hence the name. A very free bloomer, and increases rapidly. Price, 35c each; \$2.00 per doz. Spring Skies.

Silver King (Florentina Alba). A beautiful pearly or silvery white. It is large and showy like Purple King, but is a direct contrast to it in color. Blooms at the same time, after the Pumilas and ahead of all the other varieties.

Thite Swan. A beautiful creamy white throughout both standards and falls, often four or five flowers in bloom on the same stem. White Swan.

White Pumila. Same as Purple Pumila except the bloom is white.

Prices on all Named Varieties 15c each; 2 for 25c; 4 for 50c; 8 for \$1.00; 12 for \$1.50, all alike or assorted.

10 Iris Collection for \$1.00

If you are in doubt as to what kinds of Iris to order, we will make you up a collection of 10 of our best sorts, 1 plant of each, for \$1.00. This special price is for our own selection of varieties, but all good and well assorted colors. Just ask for SPECIAL \$1.00 IRIS COLLECTION.



Iris. Princess Beatrice.



An Old-Fashioned Garden

An Old-Fashioned darden
20 Perennials for \$3.00.

For those who like the old-fashioned flowers that come up every year, but who do not know exactly what to buy, we have made up a collection of 20 plants which will give you flowers practically all Summer, and will come up and bloom every year with no special care. The list will probably be made up of the following sorts, but we may change it a little from time to time.
Columbine, Corcopsis, Shasta Daisy, Delphinium, Hardy Phlox, Gaillardia, Hollyhocks, Lemon Lily, Tiger Lily, Day Lily.

Columbine, Corcopsis, Shasta Daisy, Deiminium, Daisy Phlox, Gaillardia, Hollyhocks, Lemon Lily, Tiger Lily, Day Lily.

It will all be good big plants, fresh and sure to grow, and will be our own selection of sorts. We cannot make up a collection to order for you at this price. If there are special things you want, better order them separately. There will be at least ten different kinds, two of each, and probably more. All will be carefully labeled, well packed, and sent prepaid. Price, postpaid, \$3.00.



Regal Lily.



DAY LILY (Hemerocallis fulva). Much like the Lemon Lily except that it is darker in color. It blooms in July and August. 30c each; 4 for \$1.00.

Fig. 1.00.

LILY (Hemerocallis flava). A very fragrant, hardy, old-fashioned flower. It blooms very freely in May, in clusters on slender stems about 2 feet high. 30c each; 4 for \$1.00.

LILY - OF - THE - VALLEY. A beautiful old-fashioned flower, well known to everyone. Perfectly hardy and increases rapidly. Very fragrant. 4 for 35c; 75c per doz.

Hardy Lilies

AURATUM LILY. This is the famous Gold-Banded Lily of Japan. Has from 3 to 12 enormous blooms on a stalk from 2 to 3 feet high. Perfectly hardy, gets better every year. Plant it late in the Fall. Blooming size bulbs, 50c each; mammoth size, \$1.00 each.

RED RUSSIAN is an orange-red; grows 1½ to 2 feet tall, with clusters of from 6 to 12 flowers to a stalk. Blooms early and stays in bloom longer than most Lilies; is very hardy and should be added to every garden. Blooming size bulbs, 50c each; mammoth size, \$1.00 each.

REGAL LILY. This striking new hardy Lily is by far the most outstanding introduction in the past twenty years. It was discovered growing wild in Western China, in a climate much more rigorous than our own, and therefore is perfectly hardy here. The U. S. Government has men out all the time, exploring the little known sections of the far-off lands, keeping a sharp lookout for new plants which would do well in our own country. This Regal Lily is the result. The blooms are quite large, trumpet shaped, pure waxy white, shading to a delicate pink, with a lemon-

delicate pink, with a lemon-yellow base to yellow base to each petal. A young bulb will have three or four blossoms on a stalk, while a 3- or 4-year-old bulb will throw up several stalks, each bearing eight or bearing eight or ten enormous blooms. You

tr order them separately, tkinds, two of each, and ally labeled, well packed, \$3.00.

In the Fall or early Spring and once started they need not be taken up again. Just leave them in the ground and each year they get bigger and bigger. We can furnish blooming size bulbs at 40c each; 2 for 75c, If you want mammoth bulbs we can furnish the big size at 75c each.

PECIOSUM RUBBIUM

SPECIOSUM RUBRUM or ROSEUM. A white Lily very thickly dotted with rich crimson spots, has six petals that curve back like the Tiger Lily and is a beautiful Lily, and very hardy. Blooming size bulbs, 50c each; mammoth size, \$1.00 each.

TIGER LILY (Lilium tigrinum). A deep orange-red with black spots. Very showy and hardy. Single or double. We have an unusually big crop of fine bulbs of our own growing, so we are enabled to make the following remarkable prices, 2 for 25c; \$1.25 per doz.

Lilies should be planted deep, in well drained soil. The rule is to plant them at least three time as deep as their greatest diam-And never let the water stand on them.





Speciosum Rubrum.

Attention—Radio Listeners

The distinguished looking lady at our left, admiring the Lily, is our Mrs. Day, office manager of the Nursery Department. She signs herself Mrs. Kathryn Day, but we all call her Kate for short. You radio friends all know her voice, now you can recognize her if you come to Shenandoah to pay us a call.

Mrs. Day answers Nursery and Flower questions over the radio every morning at 10:30, rain or shine, so listen for her on 461 meters. The Lily she is admiring is the famous Auratum Lily. The Lily she is admiring is the famous Auratum Lily. The odor is so sweet as to be almost too much for indoors.

We can't deliver Auratum bulbs till November, as they don't come from Japan till about then. All other hardy Lily bulbs can come along with the other nursery stock.

Hardy Ornamental Shrubs

Japanese Barberry.

ABOUT SIZES. Our shrubs are all nice, thrifty 2-year-old plants, 12 to 18 inches high or more, and well rooted. If you want extra large plants, 3 to 4 years old, we can supply them on special order. at double the prices named and not postpaid as they are too large to mail.

Deutzia, Pride of Rochester.

ALTHEA (Rose of Sharon). This shrub deserves to be better known and more generally planted, as it is beautiful, free blooming, clean and hardy, except under extreme conditions, when it may kill beack a little. Large, showy flowers in either red, white or purple. Be 4 for \$1.00.

4 for \$1.00.

ALMOND, Pink Flowering. These are pretty dwarf bushes that produce small, pink flowers early in the Spring. The flowers resemble small roses but are all over the branches of the bush, 85c each; 2 for \$1.60.

ALMOND, White Flowering. Same as above except flowers are white. 75c each; 2 for \$1.40.

BABBEREY, Thunbergi. A very pretty dwarf Barberry from Japan. Has glossy, green foliage changing to a coppery red in the Fall. Has attractive yellow blossoms and little red berries which hang on all Winter. Makes a beautiful specimen plant, and is also fine in groups or as a hedge. 35c each: 2 for 60c; 4 for \$1.00.

BARBERRY, Red Leafed. A new and striking inc.

BARBERRY, Red Leafed. A new and striking introduction. Habit of growth just like the Thunberg, but the leaves and twigs are a brilliant red; instead of

but the leaves and twigs are a brilliant red; instead of fading as the season advances, they get brighter and more gorgeous. \$1.50 each.

BUSH HONEYSUCKLE, Tartarian. This is the standard old-fashioned Bush Honeysuckle, which blooms in May and is covered with the highly ornamental red berries for the rest of the Summer. We can furnish this in either white, pink or red flowers. Specify colors 35c each; 2 for 60c; 4 for \$1.00.

BUSH HONEYSUCKLE, Morrowi. This Honeysuckle is much more of a spreading type than the Tartarian and is much used for foundation planting in landscape work. 35c each; 2 for 60c; 4 for \$1.00.

in landscape work,

CALYCANTHUS. Flowers very double, of a
purplish brown color and very fragrant. Sometimes
called "Sweet Scented Shrub." Blooms most all
Summer. 35c each: 2 for 60c.

CARAGANA (The Siberian Pea Tree). Has little
yellow flowers like Sweet Peas, only a whole lot
smaller. 35c each: 2 for 60c: 4 for \$1.00.

DOGWOOD, Red Barked. Grows from 3 to 6
ieet high, and has small, white blooms, but is especially valued for the bright red color of the twigs.
35c each: 2 for 60c; 4 for \$1.00.

DOGWOOD, Yellow Barked. Same as above except the bark. Plant some of each. 35c each; 2
for 60c.
FORSYTHIA (Golden Bell) Constant

for 60c.

FORSYTHIA (Golden Bell). One of the best early flowering shrubs, producing a rich dark green foliage and an abundance of brilliant golden yellow flowers. Flowers borne before the leaves appear. 35c each; 2 for 60c.

DEUTZIA. A very showy Japanese shrub of dense, upright growth, bearing a profusion of showy flowers in late May or early June.

early June.

DEUTZIA candida.

DEUTZIA candida.

Double white flowers, 35c each; 2 for 60c; 4 for \$1.00.

DEUTZIA rosea.

Rosy pink. Single flower. 35c each; 2 for 60c.

DEUTZIA gracilis. Also has white flowers, but blooms earlier, and is a much lower growing, bushier sort. 75c each; 4 for \$2.50.

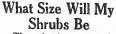
DEUTZIA, Fride of Rochester. This is the tall Deutzia, Grows higher than your head, and has the big double white flowers along in May. 50c each; 4 for \$1.50.

for \$1.50.

FLOWERING QUINCE (Cydona japonica). A low-growing bush, covered with scarlet blooms in Spring. 50c each; 2 for 95c; \$5.00 per doz.

GOLDER. FloBER. Folage a bright golden yellow all scason. Fine for contrast in a group planting or can be used as a hedge. Grows well on all soils and can be pruned. 35c each; 2 for 60c; 4 for 100.

HIGH BUSH CRANBERRY. Similar to Snowball, but the bloom is more open and spreading Blooms profusely in May, followed later by clusters of bright scarlet fruit something like cranberries. 45c each; 2 for 85c; \$4.50 per doz.



Shrubs Be
The shrubs we ordinarily offer are the two-year-old. These are what is called "mail size." and run from twelve to twenty-four inches high according to variety. They are well rooted and vigorous and of a size that we can send by mail, but you must not expect to make big growth the first year, unless you give them the perfect cultivation and other care that they would get in the nursery row, as they still will need some nursery care. They are the size you get by parcel post from most all nurseries.

About Larger Shrubs at Double Price

Many landscape men use the 3-yr, size or larger especially where people are in a hurry for immediate effect and for immediate effect and are willing to pay for it. They are often harder to get to grow than the smaller plants, and are much more expensive and are too large to send by parcel post, but they do give immediate effect and look more showy at the start and we have lots of call for them.

them.
So if you want the large sizes, just figure double the price quoted on the regular size and we will give you the biggest, finest stock you ever saw. It will have to be shipped by express at your expense, however, as it is too big and heavy to go by parcel post.





Hydrangea P. G.



Hydrangea Arborescens-Hills of Snow.

HARDY ORNAMENTAL SHRUBS-Continued.

HYDRANGEA arborescens (Everblooming or Hills of Snow). A true Hydrangea which is practically everblooming from July on. Pure white blossoms, borne freely on slender branches. Very desirable. 60c each: 2 for \$1.00; \$6.00 per doz.

on stender branches. Very desirable. 60c each; 2 for \$1.00; \$6.00 per doz.

HYDRANGEA, P. G. Dwarf-growing plant with the enormous white bloom which changes to purple and green late in the Fall. Can be trained to tree form. Hardy. 60c each; 2 for \$1.00; \$6.00 per doz.

LILAC, Persian Purple. Blooms more freely than the common Lilac, and has smaller leaves. New plants bloom much earlier than common Lilacs.

LILAC, Persian White. Same as above except color of bloom. \$1.00 each. **LILAC. Common.** Some folks still ask for the old-fashioned common Lilac, as it grows so much taller, and makes a dandy hedge along property lines. 50c each; 2 for 95c; \$5.00 per doz.

LILAC, Miss Willmott. This is one of the newer varieties of budded Lilacs. \$1.00 each.

LILAC. Marie Lemoine. This is a good companion to Miss Willmott.

\$1.00 each.

PRUNUS Pissardi (Flowering Plum). A dwarf Plum bush with beautiful purple foliage, blooms like any other Plum; highly ornamental. 75c each.

PRUNUS Triloba. This is another dwarf Flowering Plum, but this one has a double, pink flower—more like the Flowering Almond. 75c each.

SNOWBALL. Grows 8 to 10 feet tall. Great clusters of snowy white globes of flowers in May. 45c each; 2 for 85c; \$4.50 per doz.

SNOWBERRY. A fine ornamental shrub; very hardy. Clusters of waxy white berries. 35c each; 2 for 60c; 4 for \$1.00.

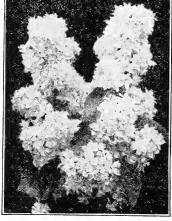
SPIREA Anthony Waterer. Very compact, growing 15 to 18 inches tall; deep crimson flowers. Perfectly hardy; fine for low clumps. 45c each; 2 for 85c.

45c each; 2 for 85c.

SPIREA Billiardi. 4 to 5 feet.
Dense panicles of rich pink flowers.
Blooms in July and August.
35c each; 2 for 60c; 4 for \$1.00.

SPIREA Thunbergi. Medium height; finely cut foliage, very light green; blooms very early; fine white flowers. 35c each; 2 for 60c.

SPIREA Van Houttei (Bridal Wreath). A beautiful ornament for the lawn. When in flower is a fountain of white bloom, attaining a height of 5 to 6 feet. 35c each; 2 for 60c; 4 for \$1.00.



Lilac. Marie Lemoine.

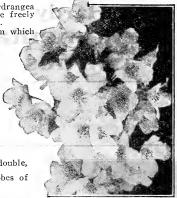
SYRINGA (Mock Orange). A hardy, free-flowering shrub with showy, fragrant flowers, Grows 8 to 10 feet tall, 35c each; 2 for 65c; \$3.50 per doz.

SYRINGA grandiflora. This is the old-fashioned common syringa, which grows 8 to 10 feet high. 35c each; 2 for 65c; \$3.50 per doz.

SYRINGA Lemoinei. This is a little dwarf Syringa with the fine cut leaves. 75c each.

SYRINGA virginalls. This is a new, improved variety of the old-fashioned Mock Orange, bloomin nearly all Summer, with larger, more fragrant flowers. Very fine, 75c

AMARIX. A hardy shrub of strong growth. Very fine for single plants if kept trimmed. Stands extremes of heat and cold. 35c each; 2 for 60c; 4 for \$1.00. TAMARIX.



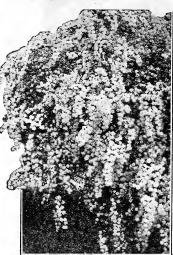
-Mock Svringa Orange.

SPIREA opulifolia. One of the tall Spireas, bearing clusters of white flowers in early Summer, leaving dark red heads the rest of the season after the petals fall. Quite attractive. 35c each; 2 for 60c; 4 for \$1.00.

SPIREA prunifolia. Just like Van Houttei in habit of growth; flowers are very double and in clusters along the branches. 35c each; 2 for 60c; 4 for \$1.00.

4 for \$1.00.

SUMAC, Cut Leaf Staghorn. A variety of the old wild Sumac, which deserves a place in everyone's collection. The leaves are lacy and fernlike, making a fine background for blooming plants. 35c each; 2 for 60c; 4 for \$1.00.



Spirea Van Houttei.



Weigela Rosea.

WEIGELA candida. Flowers pure white in great profusion in June; blooms at intervals through Summer. 50c each.

untervals through Summer. 50c each.

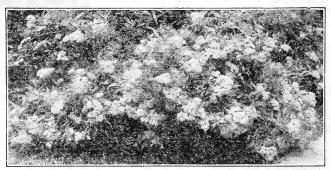
WEIGELA rosea. Tall-growing. Foliage very dark green; flowers bright rose.

50c each; 2 for 95c.

WEIGELA. Eva Rathke. Dark red.

Blooms more profusely than the candida and rosea. More dwarf in habit. 50c each; 2 for 95c.

WEIGELA variegata. Similar to the other Weigelas, except that the foliage is varied in white and green. 50c each; 2 for 95c.



Spirea Anthony Waterer.

We have sifted a dozen books on Rose culture to find the few pointers that we feel will be of most use to you. First of all, select a very nich soil in a warm, sunny location. You cannot make it too rich for Roses, but do not make it loose and mulchy. Roses like a soil, preferably clay, that will hold their roots firmly so that the wind cannot loose them.

Early planting is best, as they make their root growth while the ground is still cool and before their leaf growth begins. The middle of April is none too early in Southern Iowa. It is best to plant nothing else in the Rose beds, for their growth depends much upon constant cultivation. Unless crowded for space, place your plants about two teet apart. Cover the tops of newly planted bushes with a mound of loose soil about six inches high to keep the tops from drying out. After the buds start, gradually rake the dirt away. Directions for oruning will be yound under the different varieties. No two types are handled diske.

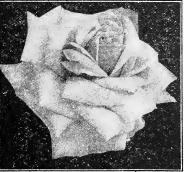
Do not plant under trees or close to shrubbery, but a windbreak at some distance, such as a building or fence, will be found beneficial. Roses are best planted in beds. If they are to be worked from both sides, five or six feet is wide enough, and three feet is the proper width for beds against a wall. Beds that are too wide necessitate stepping in them when picking blooms or when cultivating. Narrow beds are poor because of the intrusion of grass roots upon the nourishment which would otherwise go to the Roses. It is best to reserve the Rose bed for Roses alone, aside from the small border plants which most people desire in a private garden.



Climbers and Hybrid Perpetuals bloom from shoots that grow from the old wood of the vear before. Hybrid Teas bloom on new wood right from the 100ts. Therefore, leave plenty of old wood on your Climbers and Hybrid Perpetuals, but for vour Hybrid Teas, cut back severely so that you will get brand new growths Irom the roots.

Budded Roses

There will always be arguments as to whether Roses do better that are started from cuttings and, therefore, have their own roots, or where the buds are grafted into the stems of sturdy growing shoots of some strong native variety. Our experience proves that we get twice as many blossoms from the budded Roses and they are if anything, longer lived in our garden. For that reason we handle the heavy, two-year-old budded stock, which comes to you dormant, but which will have an abundance of bloom the first year.



Gruss an Teplitz. (Hybrid Tea.) Green Growing Rose Plants

But should you be one of those who prefer Roses on their own roots, we sell later in the Spring from a separate list in "Seed Sense, green growing Roses direct from the greenhouse in both the one-year and two-year sizes, and, of course, they are on their own roots. They are taken right out of the pots with their leaves all on. They are cheaper, but, of course, you understand they are small plants, but with good care will come on and give you quite a number of blooms the first year.

Classes of Roses

Now, let us introduce you to the various Rose families. You will enjoy getting acquainted with their characteristics so that you will understand what people are talking about when they mention the different types, such as Garden Roses, Hybrid Perpetuals, Hybrid Teas, Rugosas and Polyanthas. We will tell you a little bit of what they like so that if they become guests in your garden, you will treat them as a hostess should.

Prices on all Rose bushes, unless otherwise specified, will be as follows: Two-year-old, dormant, field-grown plants, 65c each; 2 for \$1.15; 4 for \$2.00; 12 for \$6.00; extra large bushes, \$1.00 each. May be either all alike or assorted.

Garden Roses

The hardiest and most free blooming of all. They need no pruning except cutting out the dead wood each Spring; and still, if you wish to put them in hedges, they will stand any amount of trimming. Harrison's Yellow. The Rose your mother had on the old home farm. Do you remember the sweetness of their half open buds on a dewy May morning? Plant a few for remembrance. They are the style once more.

Austrian Copper. Of the same family as the above, but a deep coppery yellow. Lovely,

Madame Flantier. The standard white Rose for cemetery plantings.

Hardy under the most difficult conditions, and a mass of bloom at
Memorial Day.



Gen. MacArthur.



Hedge of Frau Karl Druschki Roses.



Hybrid Perpetual Roses

These are not "everbloomers," but glorified June Roses that have been crossed to produce flowers of mammoth size and exquisite colors. They often throw a second crop of bloom in September if well tended. In August prune away all spindling wood and leave from three to five main canes to ripen. In the Spring, cut these canes back to about two feet for large flowers, or leave them longer if you don't mind smaller blossoms. blossoms.

American Beauty. The Queen of crimson flowers.

Anna de Diesbach. Bright clear pink, espe-cially fine in the buds.

Frau Karl Druschki. Acknowledged by all to be the most perfect white Rose.

Gen. Jacqueminot. The flaming scarlet Rose romance.

of romance.

Hugh Dickson. Intense crimson, shaded to scarlet. Very fragrant.

Magna Charta. An immense bright rose-pink. Very double; of good form, and fragrant. Paul Neyron. Is the very largest known Rose, often as large as a saucer. Bright rosy pink.

Prince Camille de Rohan. Dark velvety red, Almost black.

Soleil d'Or. The name means "Eye of the Sun."
The best yellow Hybrid Perpetual.

Ulrich Brunner. Cherry-red—a rare color. Large petals. Large petals.



La France.

Gruss an Teplitz. A red Rose in a class by itself, because it bears three times as many blooms as any other Everbloomer. It has luxuriant bronze foliage that makes it a handsome bedder, and it is iron-clad for hardiness. It often bears bloom in November. If you are just taking up Rose culture, let this be the first one you buy, for it cannot disappoint you, no matter how inexperienced you are. Next year you will want a dozen.

you will want a dozen, **Hermosa**. A vigorous old
favorite. Bright pink and
in constant bloom. Classes
with Teplitz and Soupert
as a favorite with all. **Hoosier Beauty**. Brilliant
red. Very strong grower. **J. B. Clark**. The darkest
red Tea Rose; crimson, almost black. **lerin Augusta Victoria**. If

Kaiserin Augusta Victoria. If you can have but one pure white Hybrid Tea Rose, this is the one to try. It is a time tried favorite

Hybrid Tea Rose, this is the one to try. It is a time tried favorite.

Rillarney Pink. The beloved Irish Rose, especially beautiful in the bud.

La France. The original Hybrid Tea Rose and still considered by some the best pink. Beautiful buds.

Los Angeles. A recent introduction of rare beauty; a California prize winner. The clear pink petals taper off into yellow at the base. An outstanding Rose that defies description. Yellow, Very floriferous, As it is favorite.

Mme. Edouard Herrict. An English prize winner of good size. The buds are like coral and the open Rose a lovely apricot shade. One of the Roses that attracts attention in a bunch.

Mme. Caroline Testout. An American prize winner. The blooms are immense pale silvery pink; of globular form. You will like it.

Pink Radiance. The pink form of Red Radiance.

Red Radiance. Second only to Teplitz as a free bloomer and stands up better when cut.

Baby Ramblers or Polyanthas

Baby Ramblers or Polyanthas

The Baby Rambler Roses are the only hardy, low bedding plants that can be absolutely depended upon to be in constant bloom all Summer. We often have requests from someone with a spot which he wishes to beautify in an attractive and nigh class way from May to November. Plant Baby Ramblers and you will have them forever The perfectly formed little buds and roses open day after day and are wonderful to cut for danty bouquets. You will slways have something to give where there is sickness or death. The white one is the ideal cemetery Rose, as it does not winter kill even when no protection is given. Another use is for low hedges to cdge walks or formal flower beds. No pruning is needed except to remove the faded flowers and dead twigs.

White Baby Rambler (Baby Katherina Zeimet).

Crimson Baby Rambler (Ellen Poulsen).

Crimson Baby Rambler (Triomphe Orleanais).



Everblooming Hybrid Tea Roses

These are the true Everbloomers, and if kept well fertilized and well cultivated, should have a bud on each new shoot that springs all Summer. To keep them blooming, keep them growing. As the strongest shoots come from the base of the plant, and you want strong wood for foundation growth, you should prune the plants back to within two or three inches of the ground when planting. After blooming, always prune off the old blossoms back six or eight inches. Keep all weak wood removed. Toward Fall, stop cultivation and encourage a ripening of the old wood, as it will thus stand Winters better. In October, draw soft earth, about six inches high, un around the plants and after the ground freezes for the Winter, mulch with a foot of straw. Remove this gradually after April first, and when growth starts, prune back to about four inches from the ground. Do not be tempted to remove the mulch too early, for a back-set in the Spring will damage the plants for all Summer.

British Queen. A beautiful creamy white, softly flushed with rose.

Clothilde Soupert. Large clusters of pale pink flowers; very freely produced, One of the very best. Ranks with Gruss an Teplitz and Hermosa in popularity.

Gen. MacArthur. Brilliant crimson; splendid bedder. Golden Emblem. We have had wonderful reports on Madame Pernet-Ducher, the apricot-orange Rose we put out last year. Well, this is the same thing only a little improvement still. The very best yellow Everbloomer.

Golden Ophelia. Even better than the old favorite, Ophelia. A salmon-yellow. Everblooming Hybrid Tea Roses



Gruss an Teplitz.



Climbing Roses

The Roses in this class produce each year a number of long branches which may be trained over lattices, allowed to trail over banks, or interwined to give a bush form. As soon as they have ceased to bloom, cut away all blooming wood just below the lowest flower cluster. Remove a few of the oldest canes at the ground each year as they become crowded. No Climbing Rose is absolutely hardy every Winter, and you will be more sure of bloom if you tie them up in such a way that they can be loosened and laid on the ground and mulched with straw after freezing weather.

American Fillar. Clusters of bright pink, single Roses. The petals are vividly white at the base and the center is a mass of yellow stamens. The blooms are sometimes three inches across. A great many people took the name of this Rose as it bloomed on our trial grounds this Summer.

Baltimore Belle. A lovely old favorite pink. Very hardy.

American Pillar.

American Pillar.

tend of Roses with the clustered red Roses with the clustered fragrant white honeysuckle blossoms make a definition of the clustered fragrant white honeysuckle blossoms make a description.

combination with Hall's Honeysuckle, and the clustered red Roses with the clustered fragrant white honeysuckle blossoms make a delightful combination.

Climbing American Beauty. Kate Day's favorite. This took the prize over other Climbing American Beauty. Kate Day's favorite. This took the prize over other climbing Gruss an Teplitz. A climbing form of this favorite. Marvelous south of here but not a free bloomer in the North.

Climbing Sunburst. Another tender but beautiful Climber in yellow.

Climbing Sunburst. Another tender but beautiful Climber in yellow.

Christine Wright. A large, soft, shrimp pink. Beautiful as a Tca Rose. This is Mrs. Fischer's favorite Climbing Rose.

Dr. Van Fleet. Much like the above, but paler pink, really just a flesh color. Wonderful bronze foliage of great vigor.

Excelsa. Another red Rambler preferred by some because of its glossy foliage.

Gardenia. This is the yellow Rambler. Not so perfect as the pink or red ones, but the best yellow that has been produced so far, and an interesting flower.

Pink Dorothy Perkins. Clusters of wonderful little pink blossoms with crumpled petals and an extraordinarily heavy growth of glossy foliage, which makes it the best Rose for a quick shade.

Paul's Scarlet Climber. My favorite. Combines rapid growth with wonderful scarlet blooms each as lovely as a General Jack. These flowers do not fade even on hottest days and their bloom often lasts three weeks. If you like red, do not let another year pass without investing in one of these. Better have a half dozen.

Silver Moon. Well named. The large, semi-double white flowers are exquisite.

Seven Sisters. A fine old Climber. Large flowers in clusters of seven in blended shades of pink.

shades of pink.

Thousand Beauties. The Rose that covered our pergola at the Armory Flower Show. Hundreds of people wrote down the name. Rather large pink Roses in full clusters, blending from cream to deep pink.

White Dorothy Perkins. Just like the pink Dorothy Perkins, but seemingly created for people with red brick houses that wouldn't harmonize with pink.

Rugosa or Shrub Roses

All the preceding Roses are to be handled in cultivated beds like perennials, more for their bloom than for their foliage, but Rugosas have heavy, deep green foliage the Summer through and abundance of bloom some part of the season. The blooms are not especially choice individually, but good in the mass. Rugosas sometimes grow ten feet in a season, but if you prefer them lower, they will stand any amount of pruning back. Good for hot exposures.

C. F. Meyer. Pink.

Sir Thomas Linton White

Sir Thomas Lipton, White. Hansa. Double; violet-red.

GROOTENDORST

A cross between Rugosa and Baby Rambler. On shrubby bushes three or four feet tall, with heavy foliage. It bears, all Summer, clusters of little red Roses resembling red carnations. Fine for hedges, The only hedge that will bloom all Summer except a low hedge of Baby Rambler Roses. \$1.00 each.

A single yellow Rose, recently introduced from China. It blooms three weeks earlier than any other Rose and can be cleverly combined in your plantings with yellow and pale pink Darwin Tulips and the Mertensia Blue Bells, which all bloom at the same season. \$1.00 each



James Smith, a railroad man at Keokuk, Iowa, bought Dorothy Perkins Rose bushes of us and planted at his back fence two years ago. This photo shows the result. The fence is now a mass of Roses four feet high and three feet thick. You can do as well in your yard.

Vild

Vild Rose Types
ncida. A bush wild Rose,
two to three feet tall, much
used for hedges and backgrounds. The flowers are
followed by brilliant red seed heads. It does not sucker. Lucida.

Rosa Rubrifolia. A bush wild Rose with very ornamental foliage of a reddish purple.

Sweet Briar. You will like it near your porch, for its leaves have a haunting fragrance. The dainty little single pink Roses are borne in great profusion.

Setigera. This is the wild Prairie Rose that is a semi-climber. It blooms late in immense clusters and is wonder-ful for massing on large plantings and bird preserves. Very good for school ground plantings. It may be seen in its wild stage just east of Nebraska City in the timber along the roadside. the roadside.

WHITE MEMORIAL or WICHURAIANA

This is a trailing Rose that is used for a grave cover. If the long branches with their glossy leaves are twined round and round, they make a complete green blanket that will keep down the weeds, and in June will be covered with waxy white-rose blossoms. Use at least two for each grave, one at the head and one at the foot.

Beginner's Rose Bargain \$2.00

Each year we fail to come out even on our roses. The ones we list are all of them treasures, but we can never tell just how well our descriptions will make you see the beauty of each. Now, if you are not particular which kind you get, just so they are all good and all different, we will send you six choice, named, two-year-old roses, our selection, for \$2.00. Unless you express a preference for Hybrid Teas, Climbers or Hybrid Perpetuals, we will probably send two of each. They should all bloom this year. This will be the cheapest that you ever bought this class of roses. Mention "Beginner's Bargain" when ordering.

Don't forget that every bride sending her first order for seeds or plants, this year, if she will ask for it, gets a nice pink climbing rose free of charge to decorate the new home in honor of our newly married daughter Jessie.





Hardy Perennials

More and more people are learning the joy of a hardy garden full of the flowers that "live over." First. It is always there in the Spring, bright with bloom even when you are sick or rushed to death with other things. Second. It exercises your intellect hunting varieties that will follow each other from month to month so that you will always have flowers in bloom. Third. It multiplies so that you can divide with your friends. Fourth. It is no two days the same and this adds interest to life, Fifth. It makes the children love their home better and gives them beautiful memories. Sixth. It is the most fitting hobby for those in declining years.

There are two ways to start a hardy garden; by plants or by seed. We recommend a half and half mixture. Get one each of as many plants as you feel that you care to afford, and as they bloom the first year, you will learn their natures. Meanwhile, in the early Spring, start seeds of many kinds and by Fall you will have dozens of young plants to arrange for the next year's bloom. Do not expect to succeed with everything the first year. No one does.

Good garden soil with the addition of well-rotted manure is best for your perennials, and most of them prefer open sun. We will list the approximate heights and preference as to exposure after each variety. We have a wonderful lot of plants ready for you and if you plant them early this Spring, keep the weeds down, and see that they get proper moisture, next Summer you can just sit back and enjoy your flowers. Some of the plants will be nice stocky, one-year-olds, raised from seeds sown last Fall. Others will be divisions of older clumps. Still others will be plants raised from cuttings taken last Fall. We have handled each one in the way that will give you the that you get satisfaction.

FRANK FIFT D



Coreopsis. ARTEMISIA pon-



tica (Southern-wood). This is the low-growing, finely cut, gray foliage plant, sometimes called "Old Woman." Is used for borders and in the rock garden. HARDY ASTERS. St. Egwin. Most of the hardy Asters are rather coarse and too suggestive of the roadside to be placed in a small garden, but St. Egwin is more refined, and its dwarf form and dainty pink and lavender blossoms make it very suitable for a place in the hardy border.

AUBRIETIA (Rock Cress). Another rock garden

Daisy; on stems from four to five feet long, but drooping gracefully. A wonderful subject for the September garden. Use in the background. In white or lavender. Specify which you wish. BOLTONIA.

FERN-LEAF BLEEDING HEART (Dicentra formosa). Has beautiful, fine cut, gray foliage like a fern, which it carries all Summer along with small, heart-shaped, pink blossoms. A very good subject for rock gardens. Sun or semi-shade. 12 inches. May to frost, 65c each; 2 for \$1.25.

Sutters Sum of Semi-shade. 12 menes, May to most, obe each; 2 for \$1,20, BUTTERFLY BUSH (Buddleia magnifica). Gorgeous lavender spikes, sometimes called Summer Lilac. The woody stems die back each Winter and sprout up from the roots in the Spring. Makes a good specimen plant or can be used for a hedge. 3 to 4 feet. Sun. August to frost. 40c each; 2 for 75c; \$4.00 per doz.

Campanula.

cach; 2 for 75c; \$4.00 per doz.

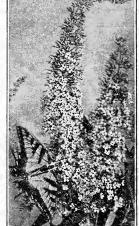
(CAMPANULA carpatica
(Harebell). A dwarf variety
with light blue, bell-shaped
flowers shaped like Platycodon
blooms, only smaller. A favorite rock garden
cantender of the sometimes of the favorite sometimes known as "Cup and
Saucer Flower," Very handsome, blue, white
and pink, cup-shaped blossoms in June or July.
Sun or semi-shade. 24 inches high.

CARNATIONS

The hardy garden form of the

CARNATIONS. The hardy garden form of the Carnation. Mixed colors. 12 inches high. Sun. June to frost.

COLUMBINE. A wild form of this plant grows in our timber and is commonly called "Honeysuckle." The cultivated varieties we ofter are a very great improvement in daintiness of color and length of spurs. They are in a wonderful range of pastel colors of blue, pink and yellow. Semishade or in the open sun. 2 to 3 feet. May-June. Mixed colors only.



CERASTIUM tomentosum (Snow-in-Summer). For the rock garden.

Bleeding Heart.

Unless otherwise specified, all perennials are 30c each; 4 for \$1.00; \$2.75



Unless otherwise specified, all perennials are 30c each, or four for \$1.00, or \$2.75 per dozen.

ACHILLEA, The Pearl. Clusters of sturdy little pure white blossoms blooming through the hottest parts of the Summer. Wonderful for borders and for cutting. Multiplies rapidly. 10 inches. Sun. July-August.

10 inches. Sun, July-August.

ACHILLEA millefolium rosea.
Useful pink flower for the midsummer garden. Leaves like yarrow, but the bloom resembles Anthony Waterer Spirea. 18 inches. Sun. July-August.

BLEEDING HEART. An old favorite.
Will grow anywhere, but is especially useful for shady spots, if the soil is loose and moist. Remember, that the foliage dies out in Summer; plant springs up again the next Spring. 18 inches. Sun or shade. May-June. 65c each; 2 for \$1.25.

ALYSSUM saxatile. A rock garden

ALYSSUM saxatile. A rock garden plant with yellow flowers and leathery gray foliage.

NCHUSA. A very tall plant we coarse foliage, but masses of blue flowers of such a beautiful shade that it is very attractive when massed in the background. It blooms early and is a good substitute for Delphiniums. ANCHUSA. very tall plant with

ANTHEMIS. The yellow Shasta Daisy.

ARABIS RABIS alpina. An attractive low rock garden plant.

ARTEMISIA tactiflora
(Mugwort).
A very tall
variety for
background
plantings.
Fine white Fine white blossoms through August and September. Some have compared these tiny white tiny white flowers to seed pearls strung on silken threads.



Chrysanthemums.



Columbine.



Hardy Larkspur.

HARDY FERNS These are not the house Ferns, but the big, hardy fellows that grow outdoors and live over the

Gypsophila.

out doors and Digitalis, live over the Winter. They were much admired by Shenandoah visitors this Summer. Do best in shade on the north side of the house. Have the ground loose, rich and moist. In this hot climate, they will die down in late Summer and come up better than ever the next Spring. We sell 20 for \$5.00, dehvered postpaid, and would suggest 12 Ostrich Plume. 4 Goldies and 4 Osnumdas, but we can give you 20 Ostrich Plume if you prefer. 10 for \$3.00 or 1 for 50c, postpaid. Large lots. \$20.00 per 100, by express, not prepaid. 2 to 3 feet high. Prefer shade,

Digitalis.

FUNKIA or PLANTAIN LILY. This family is very popular because of the fact that it thrives and blossoms beautifully in the shade. It is sometimes mistakenly called "Day Lily." but you had better order by its scientific name so that no mistakes will be made.

FUNKIA subcordata grandiflora. This is the one that has massive foliage and large, white, fragrant blossoms. A row of them in front of the shrubbery on the north or east side is wonderfully attractive. Splendid behind shady pools. 18 inches in height, Shade, August and September, 60c each; 2 for \$1.00.

PUNKIA lanceolata. Small lance-shaped leaves; sprays of lavender bells about an inch long that bloom in September and October. Increases rapidly and makes a beautiful border plant in the shade. Good for cut flowers, 18 inches. Shade.

Good for cut nowers, 18 inches, Shade.

GAILLARDIA (Blanket Flower). Sometimes known as "Pin Cushion Plant." The flower is shaped somewhat like a daisy; in a brilliant blending of red, yellow and henna. The very best subject for a hot, sunny location where you want something that will bloom all Summer. 18 inches, Sun, May to frost.

GOLDEN GLOW (Rudbeckia). Grows 5 to 6 feet high, producing large, double, golden yellow flowers, which resemble the Cactus Dahlia. Fine for backgrounds and combines wonderfully with plantings of Tiger Lilies. Sun or semi-shade. July- September.

GYPSOPHILA paniculata (Baby's Breath). Perennial. Valuable for mistlike effects and for trimming bouquets. Pick as soon as opened and dry for Winter bouquets. 3 feet. Open sun. June and July.

GRASS. Ornamental. This is beautiful to use at the side of your pool or in the foundation planting. Very graceful. 2 to 3 feet. August-September.

HARTJE and ELDER'S DAISY. Resembling the Shasta, but it is more hardy and blooms much earlier Always in bloom for Decoration Day. 18 inches. Sun. May and June.

HIBICUS. The new hardy variety sometimes called "Mallow Marvel." This is one of the finest hardy flowers, having blooms from five to six inches across, ranging in colors through red white and pink. It is sure to bloom the first year and makes a showing for several months. It is beautiful as a specimen plant, or when used as hedge, background or foundation plantings. So far it has no disease or insect enemies. Specify which color you prefer. 3 to 4 feet. Sun or semi-shade. July to frost.

Valuable

4 feet. Sun or semi-shade. July to frost.

HOLLYHOCKS. Don't forget these old-fashioned favorites when planning your perennial border. Nothing else will quite take their place at the back of the lot or against the side of the garage. We can furnish either single of double splendid color mixtures but not in individual colors. 5 to 7 feet. Sun. June to frost.

LOBELIA cardinalis (Cardinal Flower) Spikes of fiery red in late Summer. Likes a moist location. 3 feet. Sun or semi-shade. August.

Unless otherwise specified, all perennials are 30c each, or four for \$1.00, or \$2.75 per dozen.

COREOPSIS lanceolata. One of the standbys for hot, dry exposures. Something like a yellow daisy, but the petals are broader and notched on the edges. A perennial you must have. 18 inches. Sun. May to frost.

Delphinium

(The Hardy Larkspur)

The queen of the hardy garden in all shades of blue and lavender. Is charming and no one ever felt that they had enough.

English Hybrids. This is the tall type with sturdy spikes from 3 to 6 feet high, and a well established plant will have five or six spikes. This is an extra choice strain, many of them double. All of the exhibition class. Sun. June to frost. 40c each; 2 for 75c.

Belladonna. By many this is preferred because it has a more graceful type of flowering. It is single and a marvelous shade of light blue comparable only with the shade of Spring Skies Iris. 3 to 5 feet. Sun. June to frost.

Bellamosum. This variety is practically the same as the above except that the flowers are very dark blue with

white



Golden Glow.

a w throat. DIGITALIS (Foxglove). An old-fashioned favorite bearing tall spikes of delicate tubular flowers. Mixed colors. A biennial. Grows 2 to 3 feet high and prefers semishade June-July.

ERYNGIUM (Sea Holly). Plant very popular for Winter bouquets because of the bright blue color of its stems and peculiar burrs. Pick it as soon as it colors up and dry for the Winter. 3 feet high. Sun. July and August.

UPATORIUM. Sometimes called hardy Ageratum. A charming blue plant that blossoms late. Wonderful combined with yellow Chrysanthemums. 2 to 3 feet high. Sun or semi-shade. September and October. EUPATORIUM.



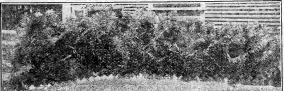
Gaillardia.



dozen.

Unless othervise specified, a 11 perennials are 30c each, or four for \$1.00, or \$2.75 per

Hibiscus.



Hardy Fern Foundation Planting.



Unless otherwise specified, all perennials are 30c each, or four for \$1.00, or \$2.75 per dozen.

LINUM (Hardy Blue Flax). A very charming and popular plant. Finely cut gray foliage; covered every morning with delicate blue flowers half an inch across, which fall to the ground later in the day only to be renewed the next morning. Beautiful with pink Roses or Rosy Morn Petunias. 18 inches high. Sun. May to frost.

LYCHNIS chalcedonica (Maltese Cross or Scarlet Lightning). The most vivid red imaginable. Blooms some nearly all Summer. Very hardy. 2 to 3 feet. Sun or semi-shade. June to frost.

Sun or semi-shade. June to frost,

LYTHRUM. Tall rosy spikes of bloom that are the glory
of the August garden. 3 feet. Sun. July to September.

MERTENSIA (Blue Bells). This old-fashioned favorite
needs no description. It has drooping clusters of blue
bells in April and early May, and prefers shade or
semi-shade. It is a native to some parts of the country.
Grows from a bulb something like a Tulip, and can be
planted in the Fall. Increases from year to year from
the seeds that drop as well as from the bulbs. 12 inches,
Shade or semi-shade. April-May.

MONARDA A heautiful blooming flower of the Berga-

10 inches. Shade or semi-shade. May to frost.

ORIENTAL POPPY. These are the largest, showlest Poppies of all. They live for years, like the Peony, making a large clump, which gets larger each year, and one such clump will often carry from 20 to 30 enormous blooms of dazzling scarlet. They bloom practically the same season as Peonies but cover a longer season. Scarlet is the only color we have to offer this season, even though there are other colors, 2 to 3 feet. Sun or semi-shade. June. 60c each; \$6.00 per doz. postpaid. For Spring planting, we send out potted plants already growing.

Send out potted plants already growing.

OXEYE DAISY. This is the old-fashioned white Daisy which grows wild in the East, and is very free blooming and hardy. 12 to 18 inches in height. Sun. June-July.

PERENNIAL SWEET PEA. This is the old-fashioned hardy Sweet Pea which lives over in the ground and comes up every year. We furnish them in red pink or white. Be sure to specify the color you wish. Vine. Prefers sun. June to frost.



Myosotis.



Mertensia-Blue Bells,

Watch-Em-Grow

The greatest fertilizer for flowers of all kinds especially pot plants, For house plants dissolve a level teaspoonful to a half gallon of water and apply at the rate of a half pint to each six-inch pot once a week for pint to each six-inch pot once a week for two or three weeks, or until the plant shows the effects of the fertilizer. An eight-ounce can will last a long time. Price, 50c, postpaid.

Named Sorts of Hardy Phlox

We have a wonderful collection of the better named sorts of hardy Phlox, and can supply any color wanted. These are much superior to the mixed seedlings and are all true to color. They are field-grown plants of good size, sure to go right ahead and bloom the first season, and keep on getting bigger and better for years,

Price, named Phlox, all varieties, 30c each; 4 for \$1.00; \$2.75 per doz., either all alike or assorted. All postpaid.

R. P. Struthers. Deep carmine-pink with darker center, a very popular color. In fact, we sell more Struthers than any other

organiety.

Of. Virchow.

Very similar to Struthers but lower growing, and slightly lighter in color. Very free blooming. Very large heads.

Siebold. A little lighter in color yet than Prof. Virchow, and blooms about the same height.

Rheinlander. The same shade as Struthers but it doesn't have the darker center. it doesn't have the darker center.

Sir Edw. Landseer.
Very large salmon-pink blooms. Low growing, free bloomer.

Isabey. Same shade as Landseer, but taller growing, and smaller flowered.

Aetna. An orange-red

Aetna. An orange-red with darker center with five white stamens show-ing, giving it an odd appearance.

appearance.

Lothair. Same shade as
Struthers, but smaller
blooms.

Miss Lingard. Pure
white, earliest bloomer
of all, with long, loose
spikes of flowers.

Mrs. Jenkins. Pure
white with round, compact heads. Best midseason white.

Von Lassburg. Similar to Mrs. Jenkins but lower growing, heads a little smaller but more of them. is. A pure lilac color; small flowers but large heads and lots of them.

Mrs. Chas. Dorr. Same shade as Iris, but lower growing, larger flowers, and more compact heads. Rijnstroom. A beautiful clear rose-pink, with slightly darker center; very compact, pyramid-wishaped heads.

Albion. White with faint pink center.

Richard Wallace. White with dark pink center;

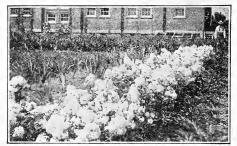
medium height.

Bridesmaid. White with a red center; low growing but free blooming.

Special French. Light peach-pink with dark center. Very large flowers in very large globular heads.

Pantheon. Very similar to Special French, but is a darker pink and lacks the darker center.

La Vogue. Similar to Special French in color, but smaller flowers and more compact heads,



Hardy Phlox in Trial Beds at Field's.



Pyrethrum.

RANUNCULUS. This is the trailing double yellow Buttercup with glossy green leaves. A wonderful subject for the edge of pools, and in rock gardens, 6 inches. Sun. Mayinches. June.

June.

Budbeckia (BlackByed Susan). Another plant that is valuable for the shade.

It grows about three
feet tall and during
August and September
is covered with hundreds of little yellow
daisies with black centers. This plant is a native of Missouri,
but a treasured garden subject elsewhere.
A biennial Prefers shade or semi-shade,
but will grow almost anywhere. RUDBECKIA

Unless otherwise specified all perennials are 30c each, or four for \$1.00, or \$2.75 per dozen.

Sedum

The Sedum or "Live-Forever" family is the good old standby of the sunny rock gar-den. Can stand any amount of heat and drought, and come in enough varieties to be interesting.

Sieboldi. This is the trailing variety with little waxy leaves about half as large as a dime, making a rosette at the end of each trailing stem. We have found it the most beautiful plant we have for filling in spaces in our rock garden. It multiplies rapidly and is beautiful anywhere. Sun or shade. August.



Shasta Daisy.

Spectabilis. A tall-growing form with pale pink blossoms in September and October. Used for foundation plantings in front of the shrubbery in hot, sunny locations. Spectabilis Brilliant. The same thing only a bright pink blossom 18 to 24 inches high. Sun or semi-shade. September.

SEMPERVIVUM (Hen

Chickens). Little green rosettes which resemble cactus. Much used on the rock garden. One inch. Sun or shade. No bloom.

SHASTA DAISY. The Shasta Daisy is the giant Daisy of California introduced by Luther Burbank. It grows about 2 feet high with enormous white flowers sometimes 4 or 5 inches across, with a small, yellow center. Blooms in July and August. It makes large clumps with literally hundreds of blossoms to a plant. Prefers sun.

SHASTA DAISY, Yellow (Anthemis) This is not a Shasta but the bloom is much like it aside from color. Wonderful subject for cutting. 18 inches in height.

STATICE latifolia (Sea Lavender) A rosette of broad, leathery, odd-looking leaves lying close to the ground. The individual blossoms are lavender colored, very tiny and borne in great fluffy masses like Baby's Breath. only much finer. When in full bloom, should be cut and dried for use in Winter boundets.

NAMED SORTS OF HARDY PHLOX-Continued.

Comte. Nearest to a red of any Phlox. Low growing and exceptionally free blooming

Champs Elysee A little taller, slightly larger flowers than B. Comte, and more of a purplish red

Eclaireur. A little lighter shade than Champs Elysee, taller larger flowered and streaked and spotted with white Rather odd.

PHLOX SUBULATA or MOSS PINK. A variety that trails over the rocks. Beautiful mossy foliage and a carpet of dainty bloom. 3 inches. Sun. April.

variegated bloom, June to frost.

Fireball. Large 12 inches. Sun.

ireball. Large double, rich red. 12 inches. Sun. June o frost.

12 inches, Sun. June o irosi.

Snowball. Large, double pure white flowers. 12 inches. Sun.

Dianthus deltoides. A dwarf variety, covered with small starnshaped pink flowers for the sunny rock garden in June and July. 6 in.

Grass or Clove Pinks. A very fragrant variety with gray, grasslike foliage and soft pink blooms. 12 inches. Sun. June to frost.

12 inches. Sun. June to frost.

PLATYCODON (Chinese Balloon Flower). The most gorgeous subject for the July garden. Large, blue flowers, which burst from buds formed like tiny balloons. Very hardy, but the last plant to come up in the Spring. Be careful not to hoe it out before it shows. 2 to 3 feet. Sun or semi-shade. July to Sept.

PLATYCODON, White, as above except for color,

Clove Pinks.

as above except for color.

PYRETHRUM (Painted Daisy). A flower of daisy-shape that blooms in all the shades from white to deep rose. Has ornamental, fernlike foliage that stays pretty all Summer but its season of bloom is right around Decoration Day. Very desirable. We can't guarantee which color we furnish, as the seeds do not come true, but you will be sure to get some nice colors, and we would advise that you plant two or three and get varieties. The colors combine beautifully with Peonies for Decoration Day bouquets or in plantines. The famous Herring place in Des Moines has a long driveway bordered with Pyrethrums in front of Peonies, 18 inches. Sun. May-June.



Sedum Spectabilis.

STACHYS lanata (Woolly Woundwort) A charming little gray plant for the rock garden. Its fuzzy leaves resemble rabbit ears, and children are delighted with it, 12 inches in height. Sun. Blooms in July

SWEET WILLIAM. Another well known old-fashioned favorite. Perfectly hardy everywhere. Flowers like Pinks, only, instead of one in a place, they grow in heads like Phlox. All colors mixed from white to deep red but mostly variegated. Midsummer. 1 to 2 fort birth deep red. feet high,

RITOMA Pfitzeri (Red Hot Poker). Also called Flame Flower and Sky Rocket Plant. Leaves somewhat like Iris, but sends up long spikes of scarlet-orange flowers from July on to frost. Hardy with protection. Can be dug in the Fall and stored in sand in a cool frost-proof place through the Winter, or leave out and mulch well.

EBBENA. Hardy. Looks just about like any other Verbena, only it is absolutely hardy. Extra fine for cemetery planting, as a couple of plants will cover a grave in one season. Just comes in one color pink. Blooms all Summer. VERBENA.

VERONICA longifolia subsessilis. Sometimes called Speedwell. A good rock garden plant, as it stands considerable heat and drought Blooms in August and September 1 to 2 feet high, bright blue flowers in long, slender spikes.

VINCA minor (Grave Myrtle). A very hardy trailing vine whose habit of rapid growth, and dark green foliage, make it especially good for cemetery planting or rock gardens. The flowers are single, not large, and a rock gardens. 'clear light blue.

YUCCA filamentosa (Adam's Needle). Also known as Spanish Bayonet or Dagger Plant. You know what it is. Almost indispensable in the rock garden, for filling out that odd nook or corner. Full sun if possible.

Unless otherwise specified, all perennials are 30c each, or four for \$1.00, or \$2.75 per dozen.

Hedge Plants—What to Plant

It takes a hedge to set a yard off right. Either as a partition line, a border, drive, or a screen at the back. For a screen at the back to grow tall, and not be trimmed very much, Bridal Wreath (Spirea Van Houttei) can't be beaten. If you want a low hedge to be kept trimmed plant Barberry Thunbergi or any of the three Privets, California Privet is not as hardy as Ibota and Amoor this far north. Ibota is the more bushy and makes the best quick growing hedge of the two hardy varieties. It branches more freely and stands for excessive trimming. Amoor is also a good variety but stands more erect.

These plants listed below are the regular 12 to 24 inch or 2-year size, and are the size usually planted. We can supply a smaller size at half price, or an extra large or 3-year size at double price. If you want either the small or extra large size, please specify, otherwise the regular size will be sent.

Barberry Thunbergi. Rustless

\$3.00 \$5.00 \$20.00 \$20.00 \$500 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.

Privet-Ideal Trimmed Hedge

If you want a trimmed hedge, plant Privet. Set the plants 1 foot apart. Cut them back severely when planting to make them branch, keep them trimmed smooth and you will get fine results. See table above for low quantity prices.

Spirea Van Houttei Hedge.



Privet Makes a Beautiful Hedge.

Spirea Van Houttei as a Hedge

You never saw a much finer hedge than Spirea makes. It is a mass of white when in bloom, and the green foliage is beautiful all Summer. Should not be sheared closely if you want good blooms, but the branches should be allowed to grow and droop as they wish. At the price we sell them you can afford to plant them close in the row, which gives the best effect. We sell the plants in quantities of 50 or more at \$20.00 per hundred, postpaid in zones 2, 3, and 4. This would cost you only \$10.00 for plants for a 50-foot hedge. Extra large size, 60c each; \$6.00 per doz.; \$40.00 per 100.

Ornamental Trees for the Lawn

(These cannot be sent by mail and are not prepaid). AILANTHUS (Tree of Heaven). Resembles a black walnut tree in foliage and habit of growth, but has long sprays of beautiful, ill-smelling white flowers. \$1.00 each, BECHTEL'S FLOWERING CRAE. Tree looks a good deal like any Crab tree, but the flowers are as double as any rose, \$1.00 each; larger size at \$1.50 each.

BLACK LOCUST. Needs no introduction. Its beautiful sprays of white flowers entitle it to a place in your planting scheme. 50c each.

CATALPA Bungei. We have a good supply of these this year and can furnish them

CATALPA Bungei. We have a good supply of these this year and can furnish them at \$3.00 each.

MOUNTAIN ASH. The tree with the fine cut foliage which has the orange berries something like Bittersweet. \$1.50 each.

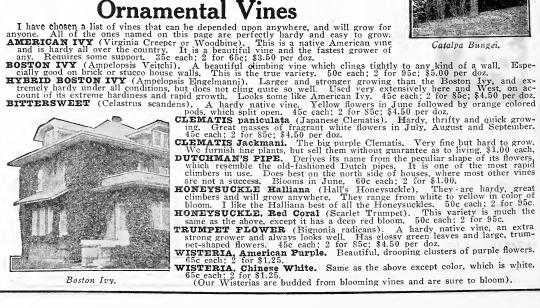
REDBUD. Another old favorite come back. Makes a large tree, and in May is literally covered with small red blossoms. \$1.50 each.

RUSSIAN OLIVE. Planted more often for hedging, but makes a very ornamental tree when planted by itself. Bark is gray, and leaves are covered with a fine white fuzz, giving the whole tree a grayish white appearance, which is quite pleasing. \$1.00 each.

WEIR'S CUT-LEAF MAPLE. A rapid grower with finely cut foliage. Very desirable for shade. \$1.50 each.

WHITE ELM. A native tree; long-lived, and a fairly rapid grower. \$1.00 each.

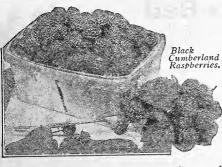
Jrnamental V ines



tity prices,







Kaspberries

Raspberries are the most delicious and popular of our small fruits, except possibly strawberries. Always in demand in season and bring good prices everywhere. They will do well in most any soil. Have the ground prepared and plant in rows 5 feet apart and 3 feet apart in the row. As soon as they are done bearing, cut out the old wood so as to give strength and vigor to the new canes which are to produce your next year's crop.

Varieties of Raspberries

Cumberland is the largest of all the blackcaps; a strong grower, heavy bearer, and of excellent quality.

Black Fearl. A very hardy and profife western variety of good size, color and flavor. Healthy and a heavy bearer.

Kansas is earlier than either Cumberland or Gregg; is a great table berry; moderately juicy and good flavor; stands drought well.

Columbian is purple. Is very firm for a purple variety and is very hardy. Berries large, and fine quality.

Latham Red (Minnesota No. 4). An extra hardy red Raspberry from Minnesota, Good in every way; early.

Sweet and very rich; very hardy Cuthbert is one of the old standbys. Sv red, and one of the best late red sorts.

St. Regis or Everbearing Red is a splendid novelty, brilliant crimson; good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, early to ripen, and continues to produce until late in October, good size, good size All varieties. 1 year\$0.50

Transplanted Raspberries

We especially advise the 2-year, transplanted Raspberries, as they are much surer to live, and they come into bearing much sooner. If you have had trouble getting Raspberries started, try the 2-year plants. We can furnish them as below.

Cumberland Black Pearl Kansas

Columbian Latham Red Cuthbert

Cuthbert Red Raspberries. Each . \$0.15 \$1.50 \$10.00 Two-year, transplanted, either black, red or purple

Blackberries

We list four of the best four

All varieties

Grapes

More Grapes will be planted this year, Eldorado Blackberries. for both commercial and domestic purposes, than ever before. We grow, here on our own grounds, some of the best rooted and hardiest plants I have ever seen. Everybody should have a few Grape vines in the home garden. There is hardly a yard so small, either in the country or city, that room for from one to a dozen or more Grape vines cannot be found. They can be planted alongside the house or trained over fences, trellises or doorways, and made ornamental as well as useful, They do well on any soil, except low, wet ground. We believe in the list we are offering are included the best varieties grown in this country.

Concord. Probably the best known variety and the most extensively planted anywhere. It is a hardy, vigorous grower, very productive, bunches large, berries juicy and sweet; not the earliest, but ripens over a longer period than most kinds.

Moore's Early is not a heavy grower but bunches and berries are large and fine; early.

Worden, in growth, is much like Concord. Fruit about the same size and of excellent flavor.

Campbell's Early commences to ripen soon after Moore's Early.

Berries very large: keeps well and is a plant of except well and in the same series were large.

Size and of excellent havon.

Campbell's Early commences to ripen soon after Moore's Early.

Berries very large; keeps well and is a good shipper and of good quality.

good quality.

eta is a cross with a wild variety and is the hardiest Grape I know of. Fruit is small to medium in size, and only fair quality. A vigorous grower and does well anywhere, but is especially adapted to northern states. It will stand more cold and freezing than any other Grape, and makes a very vigorous growth. Among the white varieties, Moore's Diamond and Niagara are about equal in growth of vine and hardiness, and also in size of bunches and berries.

Moore's Diamond is greenish white; juicy and tender.

Niagara, Yellowish white. Skin thin but tough: good shipper and market Grape.

Pocklington is golden yellow when ripe.
Fruit medium in size, very showy, sweet
and juicy; fine flavor.
Of the red varieties, Agawam and Salem
are the largest berries and heaviest bunches.

Agawam is an extra strong grower: fruit very dark red when fully ripe Skin thick, pulp juicy, and of a peculiar, spicy flavor. A great bearer and splendid keeper; ripens ten days to two weeks later Concord than Concord.



Salem ripens late in September; coppery red; thin skin; sweet and tender.

Delaware is a fine table Grape. Bunches small; berries rather small, light red and sweet. Earlier than either Agawam or Salem.

Catawba is fine in the South.

PREPAID PRICE LIST OF GRAPES

At these prices all Grape vines will be delivered parcel post or prepaid express. (Six or more at dozen rate).

We advise strong. 1-year as the best size to plant, but we can also supply 2-year in the leading varieties at higher prices, as noted below, also prepaid.

Black Grapes:	1-v	ear	2-ye	ar
	Each	Doz.	Each	Doz.
Concord	.\$0.20	\$2.00	\$0.30	\$3.00
Campbell's Early	25	2.50	.35	3.50
Moore's Early	25	2.50	.35	3.50
Worden	25	2.50	.35	3.50
Beta	30	3.00		
White Grapes:				
Diamond	25	2.50		
Niagara	20	2.00	.30	3.00
Pocklington		2.50		
Red Grapes:				
Agawam	20	2.00	.30	3.00
Delaware	35	3.50		
Salem		2.50		
Catawba		3.00	.30	3.00
1				

SPECIAL GRAPE VINE COLLECTION 10 PLANTS FOR \$1.00, POSTPAID

You can buy a whole vineyard at a small price.
Purple, white and red, the best standard varieties,
good, healthy, hardy vines, postpaid. These are
second size, good thrifty young plants and guaranteed satisfactory. Ask for collection 2110

2 Moore's Early. Best early.
4 Concord. Best main crop.
2 Niagara. Best big white.
2 Agawam. Best big red.

all of these are hardy varieties which will grow and bear in practically any part of the country. Safe arrival and live, well rooted vines guaranteed. If you cannot use so many, divide with a neighbor. These vines may be planted any time in the Spring. If you prefer all Concord. I will send 10 Concord, same size, at the same price, \$1.00, postpaid.

Have An Asparagus Bed

Set the plants early. It's all bosh this talk about trenching and all that. Just get the roots in the ground right side up and covered about 2 or 3 inches deep. That's all. Keep them well hoed all the first Summer. Then in the Fall mulch heavily: keep mulched heavy enough to keep weeds down all the time from that on. Put plants 10 inches apart in rows. Rows any convenient width apart. No crop the first year, but a fair crop the next year and plenty from then on for twenty years to come.

Field culture, 12,000 plants per acre. Home garden, with rows 2 feet apart, 100 plants for a bed 10 x 20 feet.

We offer the Washington Rustproof, which is a great improvement on all the old sorts, as it is practically free from the dreaded Asparagus rust.

POSTPAID PRICES ON ASPARAGUS PLANTS

Remember, these prices include delivery charges prepaid by either parcel post or express. Prices for strong plants. Ask for prices on large lots to go by express at your expense. Doz. 25 100 200 300 500 1000

Washington Rustproof—1-yr. Plants 80.40 80.60 82.00 83.75 \$5.00 \$7.50 \$13.50 Washington Rustproof—2-yr. Plants .75 1.00 3.30 6.00 8.00 12.00 22.00 On larger quantities we can make much lower prices if not prepaid.

Strawberry-Raspberry

The fruit is borne on the new growth, and so is hardy m any climate. Berries are bright scarlet, rather partakes of the character of raspberries in that the seeds are covered by flesh as in the latter. Bush is low-growing. 12 to 18 inches high. Quite a curiosity. Don't think much of it otherwise. Not much account to eat. 15c each; \$1.50 per doz.

Dwarf Juneberry

In habit of growth similar to currant bushes; extremely hardy fruit; a mild sub-acid. Red, changing to purple when ripe; is a handsome growing shrub, very ornamental. 15c each; \$1.50 per doz.



Lucretia Dewberry is a variety of blackberry that trails on the ground. Perfectly hardy and very productive. Ripens early; very large, is often one and one-half inches long by one inch in diameter; rather soft, sweet and with no hard core. Does well on any soil. 10c each; \$1.00 per doz.

Sage

Mammoth Broad Leaf. This is the old-fashioned Sage, used for seasoning. These plants are large, 2-year-old roots. 25c each; \$1.40 for 6; \$2.75 per doz.

Giant Seedless Rhubarb

We have a special strain of Rhubarb of the old-fashioned, big, tender, juicy kind, like we used to call the "wine plant," which throws up almost no seed stalks, but throws all its strength into the edible stems. It has taken us several years to work up a stock of it, as it has to be increased by divisions, and that is slow work, but you get the real thing that way. We now have enough that we can offer a limited amount of it, and I will guarantee it the best Rhubarb you ever saw, and practically seedless. That fact is worth a great deal to

growers.
Price, postpaid, 2 for 25c; \$1.50 per doz.; \$10.00 per 100. Extra large divisions, 2 for 35c; \$2.00 per doz.; \$13.00 per 100.

Horseradish

Maliner Kren or Improved Bavarian. Can be grown either from cuttings or from crowns. Crowns are the top portion of large roots and will make hills the first year. Price, postpaid, Horseradish Crowns, 3 for 25c; 75c per doz.; \$5.00 per 100. Horseradish Cuttings, 35c per doz.; \$1.50 per 100. For large lots of Horseradish cuttings, ask for special prices.



Fruit Trees BY PARCEL POST, AT FARMER PRICES

FREE DELIVERY BY PARCEL POST
All prices on 1-year trees include free delivery by
parcel post or prepaid express anywhere in the U.S.
They are packed so they will carry anywhere,
2-year trees are too large for parcel post so go by
express at your expense.

OLDER TREES ON SPECIAL ORDER
We like the young trees, but can supply the older
trees on special order any age or size you want.
They would have to be a separate order, however, as they cannot be sent by parcel post and
cannot be packed with the one-year trees.

Large trees, (2-yr.) at double the prices named for 1-yr. Extra large trees (3-yr.) at 3 times the price of the 1-yr. Both these sizes go by express at your expense.

Summer Apples (See prices next page).



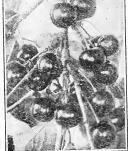


Cherries

(See prices next page). Early Richmond. Very productive. Medium sized, bright red and very juicy. Very hardy, will stand severe weather. Ripens in June.

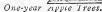
Montmorency. Large Large: about ten days later than Early Rich-mond. One of the finest flavored.

finest flavored.
English Morello. A
large variety. Tree
dwarf and slow grower;
very hardy and productive. Fruit large,
very dark red, almost
black; an enormous
yielder. July and Au-



Early Richmond Cherries.





Bartlett 'ears.

SUMMER APPLES-Continued.

Yellow Transparent. Flesh white, juicy and fine grained. Very fragrant when fully ripe. Fine for eating or table. Ripens in Angust.

Maiden Blush. A large Apple with a beautiful blush on side. A pleasant, sub-acid flavor; a valuable Apple.

Wealthy. Another old timer; one you all know. Red; crisp and tender. Very fragrant

Crab Apples (See prices below).

Red Stberian. Small, used for jelly and pickles. Showy red; vigorous and hardy. August to September.

Whitney (Whitney's No. 20). A rapid grower; hardy, Medium size. Yellow, striped with red; very juicy and fine grained; flavor rich, almost sweet.

Winter Apples

Grimes Golden. Early: annual bearer. Yellow, crisp, spicy, sub-acid.

Delicious. This Apple commands the highest price in the market. Fine grained, crisp and juicy: sweet, slightly touched with acid. Equal to the best, The best eating Apple in the list.

Jonathan. A red Apple; fine for Winter. Tender and juicy.

Stayman Winesap. Dark rich red; flesh firm and crisp. Exceedingly juicy and tender. Bears young.

Northwestern Greening. Another old timer. Very hardy, safe anywhere.

Plums (See prices below).

Compass Cherry Plum, or eserving or canning. Bushy growing. Medium to small size.

Terry. Very large; high quality; hardy anywhere and Kieffer. Yellow w. Flesh white, juicy

small size.

Terry. Very large; high quality; hardy anywhere and sure to bear.

HANSEN HYERIDS

We have picked out the four best ones of Prof Hansen's famous Hybrids. Better buy one of each, as they bear better planted near each other, especially the Sapa and Opata, which will not bear at all well planted alone.

Waneta. One of the best of the list. Fully 2 inches in diameter: reddish purple; wonderful quality; early bearer and hardy anywhere.

Hanska. Tastes and looks like a cross between a Plum and an Apricot. Red skin; yellow flesh and small seed.

Sapa. Purple skin; purple flesh; bloody juice, and quite early.

Opata: Red skin; green flesh, and quite sweet; very

Opata. Red skin; green flesh, and quite sweet; very small pit and bears early.

Kieffer. Yellow with red check where exposed to sun. Flesh white, juicy and rich. Late keeper. Very hardy. **Seckel** (Sugar Pear). Widely known and the standard of excellence in Pears. Fruit small, rich, yellowish brown; very sweet and highest flavored.

Peaches (See prices below).

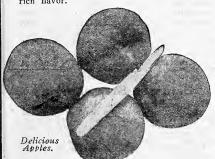
Crawford's Early (Freestone). Best early market. Fruit very large. Color yellow; juicy and fine flavored. Elberta. The great market Peach of the Southwest. Very large, yellow with red cheek.

J. H. Hale. Like Elberta, but earlier.

Rochester. This is a new variety with us but raised extensively in Michigan and New York State. It is very early, rosy checked, freestone, and yellow meated like a Crosby, but shaped like an Elberta. Ripens about six weeks ahead of Concord Grapes.



(See prices below). Very popular. Large: melting, Bartlett. V



All delivered oostpaid. Intermediate amounts at the same rate as the next lower amount quoted. Not less than four trees sold at this price. You can make up any assortment of varieties you wish, all alike or assorted, any way you please. It makes no difference in the price, Large trees (2-year), at double these prices and not prepaid.

CHERRY, PLUM AND PEAR TREES

50c and 40c each Any variety we list 3 trees for \$1.50 125 trees for \$10.75 10 trees for 4.50 100 trees for 40.00

All delivered postpaid. Intermediate amounts at the same rate as the next lower amount quoted. Not less than three trees sold at this price. You can make up any assortment of varieties you wish, all alike or assorted, any way you please. It makes no difference in the price. Large trees (2-year), at double these prices and not prepaid.

With each \$5.00 worth of fruit trees purchased we will give, absolutely free, a fine Rose, of our choice, either a bush Rose or a climber, as you may prefer. When ordering, specify whether you want bush or climbing Rose.

Bargain Fruit Tree Collection 10 Trees \$3.50

2 Cherry (Both early kinds) \$1.00
2 Plum (Both new sorts) \$1.00
2 Pear (Our choice) \$1.00
2 Pear (Both yellow-fleshed) \$60
2 Apple (One early and one late) \$60
That list, as you see, would cost you \$4.20 at the regular price, but if you will order that collection just as it stands, and let us pick the varieties. I will make the price at \$3.50, and pay the postage, too. Just ask for the Bargain Fruit Tree Collection, 10 for \$3.50. We cannot give you special varieties at that price. Each tree will be labeled with the variety name, but it must be our choice of kinds.

FRANK FIELD.

Russian Mulberry Trees

200 for \$5.00

In all our talk about hedges and windbreaks, we have been overlooking most of the time, one of the very best in the list—the Russian Mulberry.

It is absolutely hardy, will grow anywhere, is handsome, clean, quick growing, and can either be allowed to grow to a big windbreak or kept trimmed down to any shape or size you want.

If wanted for a hedge, plant in a solid row, 1 foot apart in the row, cut back nearly to the ground when planted, so as to make it branch low, and then keep it severely cut back. This will make a dense, bushy hedge which can be kept at any desired height.

Or if you want it for a windbreak, plant two or more rows, 6 feet apart, with the trees 6 feet apart in the row, and staggered so as to break joints. Let them grow naturally and they will make a dense windbreak, 20 feet high or more. Fine for protection around poultry yards.

The best size to plant is the 1-year, which is generally about 12 to 18 inches high. They live better and grow faster than the larger trees, and can be bought very cheaply, and can be sent by parcel post.

SPECIAL OFFER

enuine Russian Mulberry. Thrifty, 1-year trees. 200 for \$5.00: 100 for \$2.85, postpaid. No less amount sold at this low rate.

Everbearing Strawberries

Improved Progressive

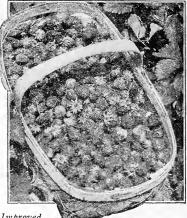
"Improved Progressive" is a true Progressive with all faults eliminated, and all the good points intensified. It is simply a case of intelligent plant selection from the original strain. Only the very best and most desirable plants have been saved for mother plants to propagate from.

For ten years or more I have considered the **Progressive** the best of the Everbearers, and while I have tried dozens of others, I have never yet found one as good as **Progressive**, except the new Mastodon.

Like all improved varieties, however, it has a tendency to degenerate or "run out," and especially to tend toward less fruit and more plants, as the plants that make the most fruit make the least plants, and especially the ones that bear heaviest all Summer, in the true everbearing fashion, make few plants. The result is that if you don't watch and select mother plants closely, you soon have a poor bearing strain.

So we have been selecting the best plants for mother plants, staking them when in bearing, and saving plants from these plants only, until we have absolutely the best strain of **Progressive** I have ever seen. It is so distinctive that we have named it "**Improved Progressive**."

All **Progressives** you get from us in the future, whether so specified or not, will be this new improved strain. We will grow no other. And we will keep up our selective work so as to keep it up to its present standard. With us, it bears the first Summer and all Summer on every plant, and big, fine berries.



Improved Large Berries and Lots of Them. Progressives.

What They Are Like

They look just like any other Strawberry—that is, any good one. They are about the size of Warfield, or Dunlap, maybe a little larger, very dark red, and the sweetest, spiciest berry I ever tasted. The plant is strong and vigorous, and yields enormously. I have seen as high as 100 berries and blooms on a single plant. They bear at the regular season, same as any Strawberry, only heavier, if anything. I never saw berries bear as full as mine did the second Spring (13 months from the time they were set). This after they had already borne all the previous Summer. Then they keep on blooming and bearing all Summer without a stop. Not so heavy as they did in June, but some berries all the time and an extra heavy setting in September and October. With the ordinary varieties you wait a full vear for fruit. With these vou begin getting fruit within six weeks after they are set, and more and more as the season advances. You get enough fruit the first year to repay for the work and cost. Then the next Spring you have a nice bed ready to make a big crop in May or June, And after that berries again all Summer. Sounds good, doesn't it?

so you get the water on and down to the roots. Stir the soil as soon as it begins to dry after you water, so as to stop evaporation. I don't believe in clipping the runners or blooms ordinarily. Let them do as they please, Mulch with straw, strawy manure or corn fodder, when the ground freezes, and leave it on in the Spring. It will help keep the ground moist. The Everbearing are perpectly hardy.

PRICES ON IMPROVED PROGRESSIVE

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Send your order now and we will send you the plants by parcel post at the proper time for planting.

These prices are all postpaid by parcel post, safe delivery guaranteed. Ask for special prices on large amounts. Plants are guaranteed to be genuine Everbearing.

Care and Culture

You must remember that you can't get something for nothing out of these plants, any more than with anything else. They must have good soil, good care and plenty of moisture. It's hard work bearing berries out of season and making plants, too, and getting ready for a crop next Spring. If they have to fight hard soil, or thin soil, or weeds or drought, they will simply give up and quit, and you can't blame them. Give them the best soil you have, the kind that would grow a big crop of potatoes, or corn, or onions. No harm to be a trifle heavy and moist. Set the plants early, the earlier the better. April is twice as good as May. Good distance for home garden is 2 feet each way. In the field 1½ x 3½ feet.

Keep the ground stirred and loose all the time. Never let a crust form or a weed start. If it gets terribly dry, irrigate if you possibly can. I like the overhead sprinkling system, but the ditch system is all right. Any way



Senator Dunlap.

Common Strawberries

We have arranged with a first class grower to furnish us plants of the Senator (Dunlap) which we consider by far the best of the ordinary Strawberries, and we can furnish you what you want of them at the following prices: Senator (Dunlap). 50 for 65c; 100 for \$1.25; 200 for \$2.25; \$500 for \$4.00, all postpaid.

roma. We can also furnish fine plants of Aroma, the great southern Strawberry, at the same prices as the Senators. Ask for special prices on large Aroma.

Fall Setting of Strawberries

Always during the Summer and Fall we get lots of letters and orders from people who want to set out Strawberries in August or September. I am sorry to say it can't be done, or at least not under ordinary conditions. If you have your own plants and can take them up with a snade full of dirt so as not to disturb the roots you may have fair success, but to dig and ship plants in the ordinary way would be plain murder. In the South, where the Winters are very mild, you can plant in November all right, but not in the North. There is really just one month in the year to set Strawberry plants, and that is April, or in a late season the first of May. You should have set them then. If you did not, you should set the ground ready now and plant next Spring, or in the South, late this Fall.

Fruit This Year

The Everbearing Strawberry is the only fruit from which you can get returns the same year you plant. Set out the Progressive Everbearing or the Mastodon this Spring, in March or April, and you will have abundant fruit this Summer in July, August and September. Think about it.



A Nice Patch of Everbearing Strawberries.



Actual average size Mastodon berries when grown on good land, well cultivated and fertilized.

Mastodon

I am now convinced that this berry is head and shoulders above every other everbearer ever introduced in every way—productivity, flavor, size, color and vigor. The tales of its virtues have been told me for the past couple of years but the price asked for plants was so high and my experience with other new introductions so fresh in my mem-ory that until this year I have been waiting watchfully waiting.

The Only Practical Commercial Everbearing Strawberry

I Was Skeptical

travagant claims about

Mastodon came to my

notice that I determined

to make a special trip

last August and see with

my own eyes what Mas-

todon was really doing. made that trip. mighty

healthy — beautiful and full of blossoms and ber-

ries. I advise you to try some in your garden this

They tasted good. plants were big

good.

Henry Field

The and

So many apparently ex-

The price of plants is now within reason and the period of experiment, to see whether the variety would be stable and not drop off in productive ability, is past. Now, after it has had three years of commercial growing with results beyond fondest expectations I feel that I can safely offer ers. You know I can't afford to sell

the plants to my customers. anything of doubtful merit to my good friends-my customers.

anything of doubtful merit to my good friends—my customers.

The Mastodon is, I believe, the biggest and best Strawberry I have ever seen, and would be a prize even if only a Spring bearer, but when you add that it is a true everbearer, it is sure a world beater. It is big, dark red, solid, high flavor, and carries to market perfectly.

The plants are big and husky and produce lots of berries all Summer from June till snow flies. Such production demands good soil and Mastodon must be given care and plenty of fertility to secure best results, but that is true of any Strawberry—everbearing or the common kind. Give this a good chance to succeed in your garden this Spring. Then tell me how you succeed with it I want to know.

It has been grown in a commercial way for three years now in the great berry districts of Michigan and Indiana, and has been making the growers

years now ...

rry districts or

raiana, and

has been making the growers so much money that they have been loath to sell plants till

been loath to sell plants till now. I saw over 100 acres of it growing commercially in one small district in Michigan.

Spring.

looked

I am confident it will do the same all over the country. I find a lot of men who have been growing it in a small way in lowa and Missouri for two years now and they are planning on planting much heavier this year.

neavier this year.

It is a sure winner, and you should get into it at once. It will make much more than enough fruit the first year to pay all the cost of plants and tending, and leave you with a fine patch clear to go into next year with. And even for a Spring crop alone, it is the best berry I have ever seen. And then it keeps on bearing all Summer and Fall, great big berries that bring fancy prices.

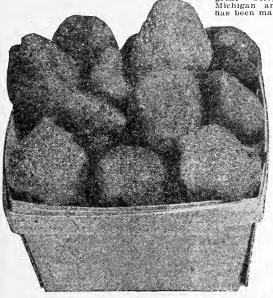
I am willing to stake my reputation as a Strawberry man, on the positive statement that inside of five years it will be more extensively planted than any other berry.

Inst as well get in now and set the start of the

any other perry.

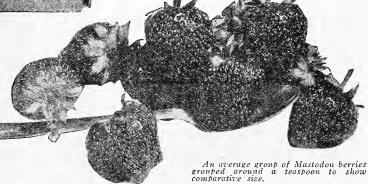
Just as well get in now and get the start of the main bunch. It is a good plant maker, and you can easily make a lot of money next Spring selling plants to your neighbors who have seen it fruiting for you.

H. F.



Prices of Genuine Mastodon Everbearing Plants

12		8	\$1.00
25			1.75
50			3.00
100			5.00
	ostage		
Ask	for	prices	on
larger	lots.		



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Your Mone that any se days after but we do	lease Answei y's Worth or eds or other go receipt, if not not and can	Above Information Each Time you Write Your Money Back—It is mutually agreed and understood oods ordered of us may be returned at any time within ten satisfactory, and money paid for them will be refunded, not in any way warrant the stand or the crop as they litions beyond our control. Henry Field Seed Co.	Please D	on't Write Space	in T	his
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Write us a letter but don't put it on the same sheet with the order. Put the letter on a separate sheet, PLEASE. The letter can then be answered while the order is being filled and neither one will have to wait.

PLEASE CUT OUT ALONG THIS LINE.

	ORDER SHEET - Continued									
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Write us a letter but don't put it on the same sheet with the order. Put the letter on a separate sheet, PLEASE. The letter can then be answered while the order is being filled and neither one will have to wait.

Free with Your Order—A Conglomeration for the Children's Garden

Of course grownup people can plant it too, if they want to, and if there are no children around that want it, but it is specially meant for children. Every child just naturally wants to dig in the dirt and have a garden. And they want a little of everything in the garden. It would take a hundred packets of seed to supply everything a boy and girl would like to plant. So we have rolled the hundred packets into one. That is, we have taken over a hundred different kinds of seeds and made one big mix of it all that will just suit the kids. They can plant it mixed that way or sort out each kind by itself. There's enough seed here to make a wagon load of garden stuff and a whole garden of flowers. I really believe a bright boy can grow \$5.00 worth of garden stuff from it

Free Flower Seed!

I will select and set aside to be given away five beautiful flowers that you will like and with each one dollar purchase I will give you a packet of one of them. I will have only five kinds so a total of five packets is all I can give on any one order. It doesn't make any difference what you buy you will be artiful to there if you and you recorded. be entitled to them if your order amounts to a dollar or more, and if you are entitled to more than one packet they will all be different.

There will be some who don't want them or can't use them so if you want them be sure and check beuse them so il you want them of sure and check be-low or mention it on your order, otherwise we will not send them for we don't want any of them to go to waste. And if you get them I want you to promise me you will take care of them for if they are worth asking for they are worth taking care of. I am sorry asking for they are worth taking care of. I am sorry
that at the time this is written I can't give you the
list, however, I am going to do my best to
pick out something that will please you. Check here if you want them....

Don't Overlook

Garden Tools We carry the Planet Junior and bined drills and wheel hoes or can furnish them separate.

Gladiolus Bulbs A long list of the better and newer varieties or in mixture.

Novelties Some worth while new varieties in both vegetables and flowers will be found on the first pages of the catalog.

Watch-em-Grow A splendid plant food, especially for house plants.

Inoculation Bacteria For inoculating all legumes. It will be a great help in getting a stand.

Uspulun Treat your seed with Uspulun and get better germination and stronger growth.

Bug Dust Cheap and effective. Also Bug Dusters to

apply it with.

My son, Frank, has charge of this Nursery Dept. him filling your order as carefully and giving you as square a deal as his Dad.



